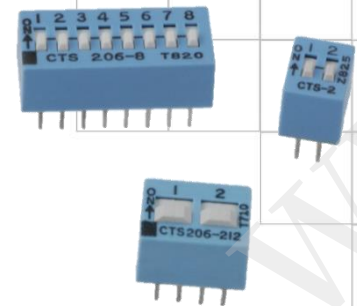




# Series 206

## Through-Hole DIP Switch

- Available with SPST, SPDT, DPST, 3PST circuit choices
- Available with low profile, standard, or extended actuator heights. Consult the ordering information for options.
- Blue housing
- RoHS compliant
- Optional top tape seal for board spray washing
- Gold plated contacts



### Description

The terminals are molded into the thermoset base and provide an electrostatic discharge shield rating to 22KV when front row of terminals are connected to ground. The optimized contact design incorporating a dimple-to-flat surface wiping interface for long-term contact corrosion resistance, making it the ideal choice for any circuit breaker and HVAC applications.

### Ordering Information

| Series                                                                                                                                                                                                              | Number of Poles                                                                   | Number of Throws | Number of Switch Positions | Actuator Height | Bottom Epoxy Seal | Top Tape Seal | Actuation Preset |   |              |   |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |      |                         |       |               |   |                                  |                                                                                                                                                                                                                          |             |      |               |       |                  |   |                                                                                   |   |             |   |             |   |             |    |              |    |              |                                                                                                                                                                                                                                                  |  |      |       |       |                         |   |                                     |    |                                        |                                                                                                                                                                                     |  |      |       |       |                      |   |                                              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------|----------------------------|-----------------|-------------------|---------------|------------------|---|--------------|---|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------|-------------------------|-------|---------------|---|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|------|---------------|-------|------------------|---|-----------------------------------------------------------------------------------|---|-------------|---|-------------|---|-------------|----|--------------|----|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------|-------|-------|-------------------------|---|-------------------------------------|----|----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------|-------|-------|----------------------|---|----------------------------------------------|
| 206-                                                                                                                                                                                                                | 1                                                                                 | 2                | 1                          | E               | S                 | T             | N                |   |              |   |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |      |                         |       |               |   |                                  |                                                                                                                                                                                                                          |             |      |               |       |                  |   |                                                                                   |   |             |   |             |   |             |    |              |    |              |                                                                                                                                                                                                                                                  |  |      |       |       |                         |   |                                     |    |                                        |                                                                                                                                                                                     |  |      |       |       |                      |   |                                              |
| <table><tr><th>Code</th><th>No. of poles</th></tr><tr><td>Blank</td><td>For SPST</td></tr><tr><td>1</td><td>Single pole</td></tr><tr><td>2</td><td>Double pole</td></tr><tr><td>3</td><td>3 poles</td></tr></table> |                                                                                   | Code             | No. of poles               | Blank           | For SPST          | 1             | Single pole      | 2 | Double pole  | 3 | 3 poles | <table><tr><th>Code</th><th>No. of switch positions</th></tr><tr><td>1</td><td>1 position</td></tr><tr><td>2</td><td>2 positions</td></tr><tr><td>3</td><td>3 positions</td></tr><tr><td>4</td><td>4 positions</td></tr><tr><td>5</td><td>5 positions</td></tr><tr><td>6</td><td>6 positions</td></tr><tr><td>7</td><td>7 positions</td></tr><tr><td>8</td><td>8 positions</td></tr><tr><td>9</td><td>9 positions</td></tr><tr><td>10</td><td>10 positions</td></tr><tr><td>12</td><td>12 positions</td></tr></table> |  | Code | No. of switch positions | 1     | 1 position    | 2 | 2 positions                      | 3                                                                                                                                                                                                                        | 3 positions | 4    | 4 positions   | 5     | 5 positions      | 6 | 6 positions                                                                       | 7 | 7 positions | 8 | 8 positions | 9 | 9 positions | 10 | 10 positions | 12 | 12 positions | <table><tr><th>Code</th><th>Spec.</th></tr><tr><td>Blank</td><td>Standard (0.89mm/.035")</td></tr><tr><td>E</td><td>Extended (3.43mm/.135") (SPST only)</td></tr><tr><td>LP</td><td>Low profile (Flush) (SPST &amp; SPDT only)</td></tr></table> |  | Code | Spec. | Blank | Standard (0.89mm/.035") | E | Extended (3.43mm/.135") (SPST only) | LP | Low profile (Flush) (SPST & SPDT only) | <table><tr><th>Code</th><th>Spec.</th></tr><tr><td>BLANK</td><td>Ship at OFF position</td></tr><tr><td>N</td><td>Ship at ON position (SPST, DPST &amp; 3PST only)</td></tr></table> |  | Code | Spec. | BLANK | Ship at OFF position | N | Ship at ON position (SPST, DPST & 3PST only) |
| Code                                                                                                                                                                                                                | No. of poles                                                                      |                  |                            |                 |                   |               |                  |   |              |   |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |      |                         |       |               |   |                                  |                                                                                                                                                                                                                          |             |      |               |       |                  |   |                                                                                   |   |             |   |             |   |             |    |              |    |              |                                                                                                                                                                                                                                                  |  |      |       |       |                         |   |                                     |    |                                        |                                                                                                                                                                                     |  |      |       |       |                      |   |                                              |
| Blank                                                                                                                                                                                                               | For SPST                                                                          |                  |                            |                 |                   |               |                  |   |              |   |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |      |                         |       |               |   |                                  |                                                                                                                                                                                                                          |             |      |               |       |                  |   |                                                                                   |   |             |   |             |   |             |    |              |    |              |                                                                                                                                                                                                                                                  |  |      |       |       |                         |   |                                     |    |                                        |                                                                                                                                                                                     |  |      |       |       |                      |   |                                              |
| 1                                                                                                                                                                                                                   | Single pole                                                                       |                  |                            |                 |                   |               |                  |   |              |   |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |      |                         |       |               |   |                                  |                                                                                                                                                                                                                          |             |      |               |       |                  |   |                                                                                   |   |             |   |             |   |             |    |              |    |              |                                                                                                                                                                                                                                                  |  |      |       |       |                         |   |                                     |    |                                        |                                                                                                                                                                                     |  |      |       |       |                      |   |                                              |
| 2                                                                                                                                                                                                                   | Double pole                                                                       |                  |                            |                 |                   |               |                  |   |              |   |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |      |                         |       |               |   |                                  |                                                                                                                                                                                                                          |             |      |               |       |                  |   |                                                                                   |   |             |   |             |   |             |    |              |    |              |                                                                                                                                                                                                                                                  |  |      |       |       |                         |   |                                     |    |                                        |                                                                                                                                                                                     |  |      |       |       |                      |   |                                              |
| 3                                                                                                                                                                                                                   | 3 poles                                                                           |                  |                            |                 |                   |               |                  |   |              |   |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |      |                         |       |               |   |                                  |                                                                                                                                                                                                                          |             |      |               |       |                  |   |                                                                                   |   |             |   |             |   |             |    |              |    |              |                                                                                                                                                                                                                                                  |  |      |       |       |                         |   |                                     |    |                                        |                                                                                                                                                                                     |  |      |       |       |                      |   |                                              |
| Code                                                                                                                                                                                                                | No. of switch positions                                                           |                  |                            |                 |                   |               |                  |   |              |   |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |      |                         |       |               |   |                                  |                                                                                                                                                                                                                          |             |      |               |       |                  |   |                                                                                   |   |             |   |             |   |             |    |              |    |              |                                                                                                                                                                                                                                                  |  |      |       |       |                         |   |                                     |    |                                        |                                                                                                                                                                                     |  |      |       |       |                      |   |                                              |
| 1                                                                                                                                                                                                                   | 1 position                                                                        |                  |                            |                 |                   |               |                  |   |              |   |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |      |                         |       |               |   |                                  |                                                                                                                                                                                                                          |             |      |               |       |                  |   |                                                                                   |   |             |   |             |   |             |    |              |    |              |                                                                                                                                                                                                                                                  |  |      |       |       |                         |   |                                     |    |                                        |                                                                                                                                                                                     |  |      |       |       |                      |   |                                              |
| 2                                                                                                                                                                                                                   | 2 positions                                                                       |                  |                            |                 |                   |               |                  |   |              |   |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |      |                         |       |               |   |                                  |                                                                                                                                                                                                                          |             |      |               |       |                  |   |                                                                                   |   |             |   |             |   |             |    |              |    |              |                                                                                                                                                                                                                                                  |  |      |       |       |                         |   |                                     |    |                                        |                                                                                                                                                                                     |  |      |       |       |                      |   |                                              |
| 3                                                                                                                                                                                                                   | 3 positions                                                                       |                  |                            |                 |                   |               |                  |   |              |   |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |      |                         |       |               |   |                                  |                                                                                                                                                                                                                          |             |      |               |       |                  |   |                                                                                   |   |             |   |             |   |             |    |              |    |              |                                                                                                                                                                                                                                                  |  |      |       |       |                         |   |                                     |    |                                        |                                                                                                                                                                                     |  |      |       |       |                      |   |                                              |
| 4                                                                                                                                                                                                                   | 4 positions                                                                       |                  |                            |                 |                   |               |                  |   |              |   |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |      |                         |       |               |   |                                  |                                                                                                                                                                                                                          |             |      |               |       |                  |   |                                                                                   |   |             |   |             |   |             |    |              |    |              |                                                                                                                                                                                                                                                  |  |      |       |       |                         |   |                                     |    |                                        |                                                                                                                                                                                     |  |      |       |       |                      |   |                                              |
| 5                                                                                                                                                                                                                   | 5 positions                                                                       |                  |                            |                 |                   |               |                  |   |              |   |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |      |                         |       |               |   |                                  |                                                                                                                                                                                                                          |             |      |               |       |                  |   |                                                                                   |   |             |   |             |   |             |    |              |    |              |                                                                                                                                                                                                                                                  |  |      |       |       |                         |   |                                     |    |                                        |                                                                                                                                                                                     |  |      |       |       |                      |   |                                              |
| 6                                                                                                                                                                                                                   | 6 positions                                                                       |                  |                            |                 |                   |               |                  |   |              |   |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |      |                         |       |               |   |                                  |                                                                                                                                                                                                                          |             |      |               |       |                  |   |                                                                                   |   |             |   |             |   |             |    |              |    |              |                                                                                                                                                                                                                                                  |  |      |       |       |                         |   |                                     |    |                                        |                                                                                                                                                                                     |  |      |       |       |                      |   |                                              |
| 7                                                                                                                                                                                                                   | 7 positions                                                                       |                  |                            |                 |                   |               |                  |   |              |   |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |      |                         |       |               |   |                                  |                                                                                                                                                                                                                          |             |      |               |       |                  |   |                                                                                   |   |             |   |             |   |             |    |              |    |              |                                                                                                                                                                                                                                                  |  |      |       |       |                         |   |                                     |    |                                        |                                                                                                                                                                                     |  |      |       |       |                      |   |                                              |
| 8                                                                                                                                                                                                                   | 8 positions                                                                       |                  |                            |                 |                   |               |                  |   |              |   |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |      |                         |       |               |   |                                  |                                                                                                                                                                                                                          |             |      |               |       |                  |   |                                                                                   |   |             |   |             |   |             |    |              |    |              |                                                                                                                                                                                                                                                  |  |      |       |       |                         |   |                                     |    |                                        |                                                                                                                                                                                     |  |      |       |       |                      |   |                                              |
| 9                                                                                                                                                                                                                   | 9 positions                                                                       |                  |                            |                 |                   |               |                  |   |              |   |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |      |                         |       |               |   |                                  |                                                                                                                                                                                                                          |             |      |               |       |                  |   |                                                                                   |   |             |   |             |   |             |    |              |    |              |                                                                                                                                                                                                                                                  |  |      |       |       |                         |   |                                     |    |                                        |                                                                                                                                                                                     |  |      |       |       |                      |   |                                              |
| 10                                                                                                                                                                                                                  | 10 positions                                                                      |                  |                            |                 |                   |               |                  |   |              |   |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |      |                         |       |               |   |                                  |                                                                                                                                                                                                                          |             |      |               |       |                  |   |                                                                                   |   |             |   |             |   |             |    |              |    |              |                                                                                                                                                                                                                                                  |  |      |       |       |                         |   |                                     |    |                                        |                                                                                                                                                                                     |  |      |       |       |                      |   |                                              |
| 12                                                                                                                                                                                                                  | 12 positions                                                                      |                  |                            |                 |                   |               |                  |   |              |   |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |      |                         |       |               |   |                                  |                                                                                                                                                                                                                          |             |      |               |       |                  |   |                                                                                   |   |             |   |             |   |             |    |              |    |              |                                                                                                                                                                                                                                                  |  |      |       |       |                         |   |                                     |    |                                        |                                                                                                                                                                                     |  |      |       |       |                      |   |                                              |
| Code                                                                                                                                                                                                                | Spec.                                                                             |                  |                            |                 |                   |               |                  |   |              |   |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |      |                         |       |               |   |                                  |                                                                                                                                                                                                                          |             |      |               |       |                  |   |                                                                                   |   |             |   |             |   |             |    |              |    |              |                                                                                                                                                                                                                                                  |  |      |       |       |                         |   |                                     |    |                                        |                                                                                                                                                                                     |  |      |       |       |                      |   |                                              |
| Blank                                                                                                                                                                                                               | Standard (0.89mm/.035")                                                           |                  |                            |                 |                   |               |                  |   |              |   |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |      |                         |       |               |   |                                  |                                                                                                                                                                                                                          |             |      |               |       |                  |   |                                                                                   |   |             |   |             |   |             |    |              |    |              |                                                                                                                                                                                                                                                  |  |      |       |       |                         |   |                                     |    |                                        |                                                                                                                                                                                     |  |      |       |       |                      |   |                                              |
| E                                                                                                                                                                                                                   | Extended (3.43mm/.135") (SPST only)                                               |                  |                            |                 |                   |               |                  |   |              |   |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |      |                         |       |               |   |                                  |                                                                                                                                                                                                                          |             |      |               |       |                  |   |                                                                                   |   |             |   |             |   |             |    |              |    |              |                                                                                                                                                                                                                                                  |  |      |       |       |                         |   |                                     |    |                                        |                                                                                                                                                                                     |  |      |       |       |                      |   |                                              |
| LP                                                                                                                                                                                                                  | Low profile (Flush) (SPST & SPDT only)                                            |                  |                            |                 |                   |               |                  |   |              |   |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |      |                         |       |               |   |                                  |                                                                                                                                                                                                                          |             |      |               |       |                  |   |                                                                                   |   |             |   |             |   |             |    |              |    |              |                                                                                                                                                                                                                                                  |  |      |       |       |                         |   |                                     |    |                                        |                                                                                                                                                                                     |  |      |       |       |                      |   |                                              |
| Code                                                                                                                                                                                                                | Spec.                                                                             |                  |                            |                 |                   |               |                  |   |              |   |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |      |                         |       |               |   |                                  |                                                                                                                                                                                                                          |             |      |               |       |                  |   |                                                                                   |   |             |   |             |   |             |    |              |    |              |                                                                                                                                                                                                                                                  |  |      |       |       |                         |   |                                     |    |                                        |                                                                                                                                                                                     |  |      |       |       |                      |   |                                              |
| BLANK                                                                                                                                                                                                               | Ship at OFF position                                                              |                  |                            |                 |                   |               |                  |   |              |   |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |      |                         |       |               |   |                                  |                                                                                                                                                                                                                          |             |      |               |       |                  |   |                                                                                   |   |             |   |             |   |             |    |              |    |              |                                                                                                                                                                                                                                                  |  |      |       |       |                         |   |                                     |    |                                        |                                                                                                                                                                                     |  |      |       |       |                      |   |                                              |
| N                                                                                                                                                                                                                   | Ship at ON position (SPST, DPST & 3PST only)                                      |                  |                            |                 |                   |               |                  |   |              |   |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |      |                         |       |               |   |                                  |                                                                                                                                                                                                                          |             |      |               |       |                  |   |                                                                                   |   |             |   |             |   |             |    |              |    |              |                                                                                                                                                                                                                                                  |  |      |       |       |                         |   |                                     |    |                                        |                                                                                                                                                                                     |  |      |       |       |                      |   |                                              |
| <table><tr><th>Code</th><th>Spec.</th></tr><tr><td>Blank</td><td>For SPST</td></tr><tr><td>1</td><td>Single throw</td></tr><tr><td>2</td><td>Double throw</td></tr></table>                                         |                                                                                   | Code             | Spec.                      | Blank           | For SPST          | 1             | Single throw     | 2 | Double throw |   |         | <table><tr><th>Code</th><th>Bottom epoxy seal</th></tr><tr><td>Blank</td><td>No epoxy seal</td></tr><tr><td>S</td><td>Epoxy seal (Required for 206-1S)</td></tr></table>                                                                                                                                                                                                                                                                                                                                              |  | Code | Bottom epoxy seal       | Blank | No epoxy seal | S | Epoxy seal (Required for 206-1S) | <table><tr><th>Code</th><th>Top tape seal</th></tr><tr><td>Blank</td><td>No top tape seal</td></tr><tr><td>T</td><td>Top tape seal (Not available for extended actuator or 1-position SPST DIP switch)</td></tr></table> |             | Code | Top tape seal | Blank | No top tape seal | T | Top tape seal (Not available for extended actuator or 1-position SPST DIP switch) |   |             |   |             |   |             |    |              |    |              |                                                                                                                                                                                                                                                  |  |      |       |       |                         |   |                                     |    |                                        |                                                                                                                                                                                     |  |      |       |       |                      |   |                                              |
| Code                                                                                                                                                                                                                | Spec.                                                                             |                  |                            |                 |                   |               |                  |   |              |   |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |      |                         |       |               |   |                                  |                                                                                                                                                                                                                          |             |      |               |       |                  |   |                                                                                   |   |             |   |             |   |             |    |              |    |              |                                                                                                                                                                                                                                                  |  |      |       |       |                         |   |                                     |    |                                        |                                                                                                                                                                                     |  |      |       |       |                      |   |                                              |
| Blank                                                                                                                                                                                                               | For SPST                                                                          |                  |                            |                 |                   |               |                  |   |              |   |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |      |                         |       |               |   |                                  |                                                                                                                                                                                                                          |             |      |               |       |                  |   |                                                                                   |   |             |   |             |   |             |    |              |    |              |                                                                                                                                                                                                                                                  |  |      |       |       |                         |   |                                     |    |                                        |                                                                                                                                                                                     |  |      |       |       |                      |   |                                              |
| 1                                                                                                                                                                                                                   | Single throw                                                                      |                  |                            |                 |                   |               |                  |   |              |   |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |      |                         |       |               |   |                                  |                                                                                                                                                                                                                          |             |      |               |       |                  |   |                                                                                   |   |             |   |             |   |             |    |              |    |              |                                                                                                                                                                                                                                                  |  |      |       |       |                         |   |                                     |    |                                        |                                                                                                                                                                                     |  |      |       |       |                      |   |                                              |
| 2                                                                                                                                                                                                                   | Double throw                                                                      |                  |                            |                 |                   |               |                  |   |              |   |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |      |                         |       |               |   |                                  |                                                                                                                                                                                                                          |             |      |               |       |                  |   |                                                                                   |   |             |   |             |   |             |    |              |    |              |                                                                                                                                                                                                                                                  |  |      |       |       |                         |   |                                     |    |                                        |                                                                                                                                                                                     |  |      |       |       |                      |   |                                              |
| Code                                                                                                                                                                                                                | Bottom epoxy seal                                                                 |                  |                            |                 |                   |               |                  |   |              |   |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |      |                         |       |               |   |                                  |                                                                                                                                                                                                                          |             |      |               |       |                  |   |                                                                                   |   |             |   |             |   |             |    |              |    |              |                                                                                                                                                                                                                                                  |  |      |       |       |                         |   |                                     |    |                                        |                                                                                                                                                                                     |  |      |       |       |                      |   |                                              |
| Blank                                                                                                                                                                                                               | No epoxy seal                                                                     |                  |                            |                 |                   |               |                  |   |              |   |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |      |                         |       |               |   |                                  |                                                                                                                                                                                                                          |             |      |               |       |                  |   |                                                                                   |   |             |   |             |   |             |    |              |    |              |                                                                                                                                                                                                                                                  |  |      |       |       |                         |   |                                     |    |                                        |                                                                                                                                                                                     |  |      |       |       |                      |   |                                              |
| S                                                                                                                                                                                                                   | Epoxy seal (Required for 206-1S)                                                  |                  |                            |                 |                   |               |                  |   |              |   |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |      |                         |       |               |   |                                  |                                                                                                                                                                                                                          |             |      |               |       |                  |   |                                                                                   |   |             |   |             |   |             |    |              |    |              |                                                                                                                                                                                                                                                  |  |      |       |       |                         |   |                                     |    |                                        |                                                                                                                                                                                     |  |      |       |       |                      |   |                                              |
| Code                                                                                                                                                                                                                | Top tape seal                                                                     |                  |                            |                 |                   |               |                  |   |              |   |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |      |                         |       |               |   |                                  |                                                                                                                                                                                                                          |             |      |               |       |                  |   |                                                                                   |   |             |   |             |   |             |    |              |    |              |                                                                                                                                                                                                                                                  |  |      |       |       |                         |   |                                     |    |                                        |                                                                                                                                                                                     |  |      |       |       |                      |   |                                              |
| Blank                                                                                                                                                                                                               | No top tape seal                                                                  |                  |                            |                 |                   |               |                  |   |              |   |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |      |                         |       |               |   |                                  |                                                                                                                                                                                                                          |             |      |               |       |                  |   |                                                                                   |   |             |   |             |   |             |    |              |    |              |                                                                                                                                                                                                                                                  |  |      |       |       |                         |   |                                     |    |                                        |                                                                                                                                                                                     |  |      |       |       |                      |   |                                              |
| T                                                                                                                                                                                                                   | Top tape seal (Not available for extended actuator or 1-position SPST DIP switch) |                  |                            |                 |                   |               |                  |   |              |   |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |      |                         |       |               |   |                                  |                                                                                                                                                                                                                          |             |      |               |       |                  |   |                                                                                   |   |             |   |             |   |             |    |              |    |              |                                                                                                                                                                                                                                                  |  |      |       |       |                         |   |                                     |    |                                        |                                                                                                                                                                                     |  |      |       |       |                      |   |                                              |

Notes: 1.Contact CTS for other common features not listed.

- Notes:
- 1.Contact CTS for other common features not listed.
  2. Not available in a Double Pole Double Throw (DPDT) construction



## Electrical Specifications

| Parameter             | Conditions & Remarks              | Min  | Max             | Unit            |
|-----------------------|-----------------------------------|------|-----------------|-----------------|
| Contact Resistance    | Initial                           |      | 50              | milliohms       |
|                       | At end of life                    |      | 100             |                 |
| Insulation Resistance | Between insulated terminals       | 1000 |                 | Megohms         |
| Dielectric Strength   | 500 VAC between adjacent switches |      | 1               | minute          |
| Switch Capacitance    | Between adjacent closed switches  |      | 5.0             | pF              |
| Nonswitching Rating   |                                   |      | 100<br>or<br>50 | mA<br>or<br>VDC |
|                       |                                   |      |                 |                 |
| Circuit               | SPST                              | 1    | 12              | Position        |
|                       | SPDT                              | 1    | 6               | Position        |
|                       | DPST                              | 1    | 6               | Position        |
|                       | 3PST                              | 1    | 4               | Position        |

## Mechanical and Environmental

|                             |                                                                                                                                              |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| Actuation Life (206)        | 10,000 cycles switching 50mA @ 24VDC                                                                                                         |
| Soldering                   | Maximum wave temperature, 260°C for 5 seconds                                                                                                |
| Shock                       | Per MIL-STD-202F, method 213B, condition A(50G's) with no contact inconsistencies greater than 1 microsecond                                 |
| Vibration                   | Per MIL-STD-202F, method 204D, condition B (.06" or 15G's between 10 HZ to 2K HZ) with no contact inconsistencies greater than 1 microsecond |
| Seal                        | Bottom epoxy seal optional<br>Optional top tape seal for board spray washing                                                                 |
| Marking                     | Special side or top marking available-consult CTS                                                                                            |
| Packaging:                  | Standard anti-static tube packaging                                                                                                          |
| Operating Temperature Range | -55°C to +85°C                                                                                                                               |
| Storage Temperature Range   | -55°C to +85°C                                                                                                                               |

## Mechanical Specifications

Figure 1 - SPST

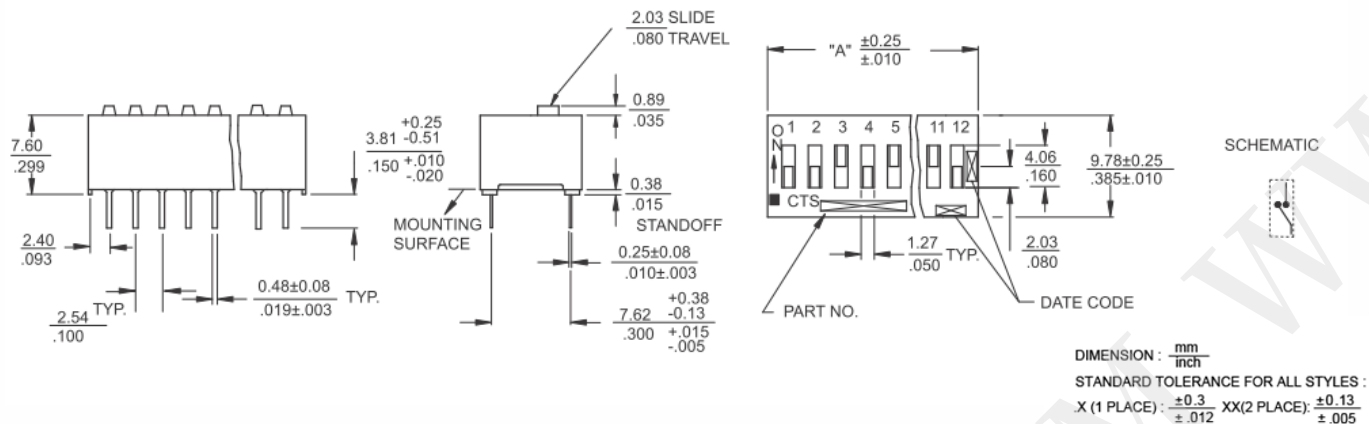


Figure 2 – SPDT

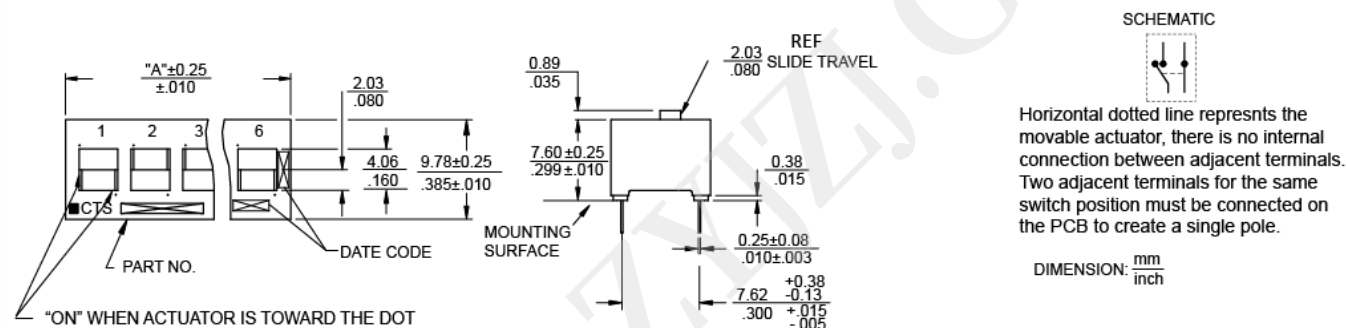


Figure 3 – DPST

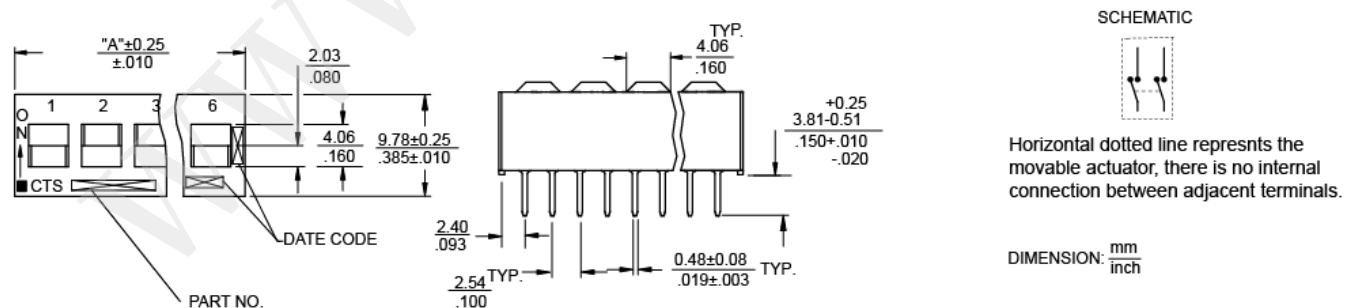


Figure 4 - 3PST

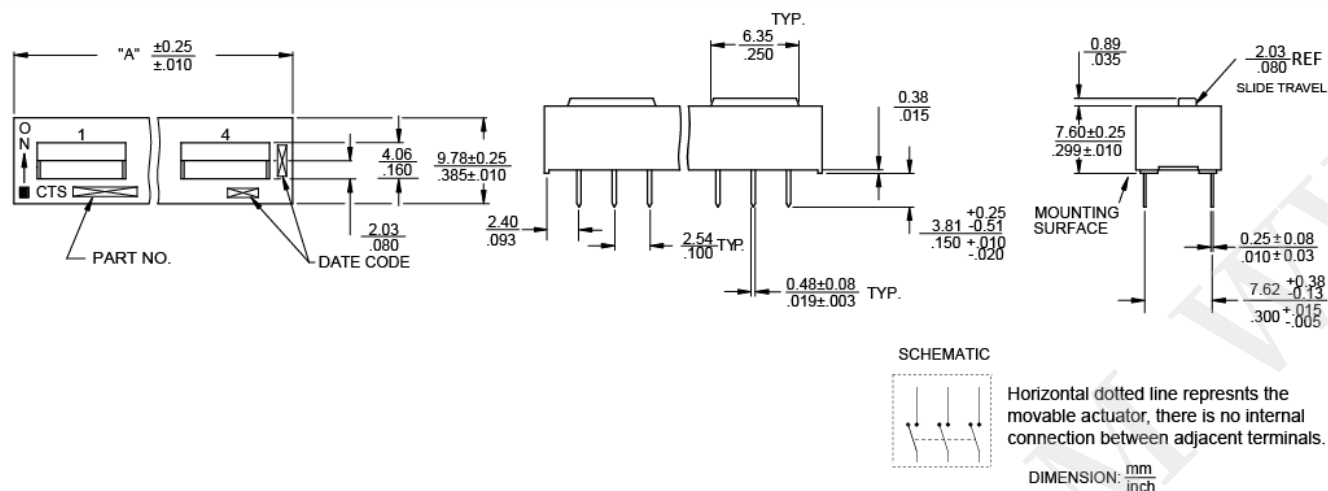


Figure 5 – Low Profile Actuators (SPST & SPDT only)

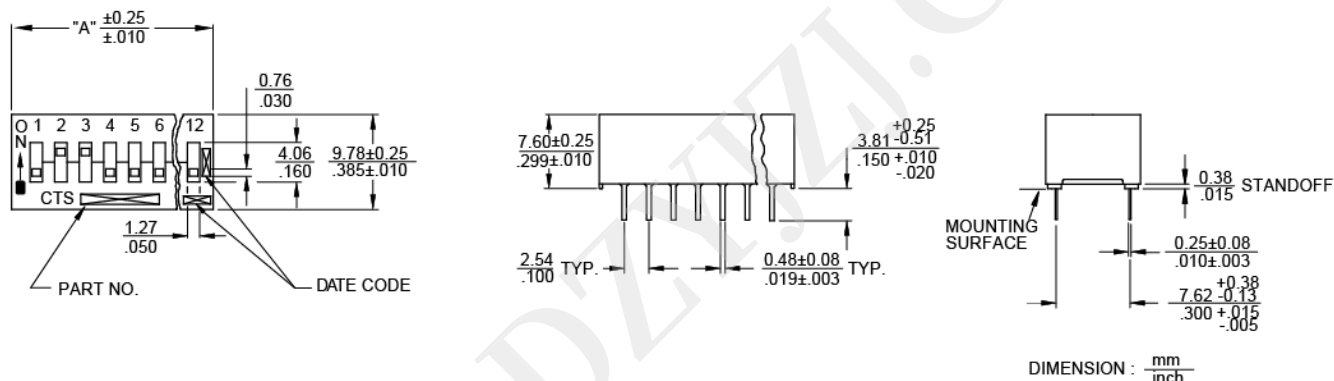
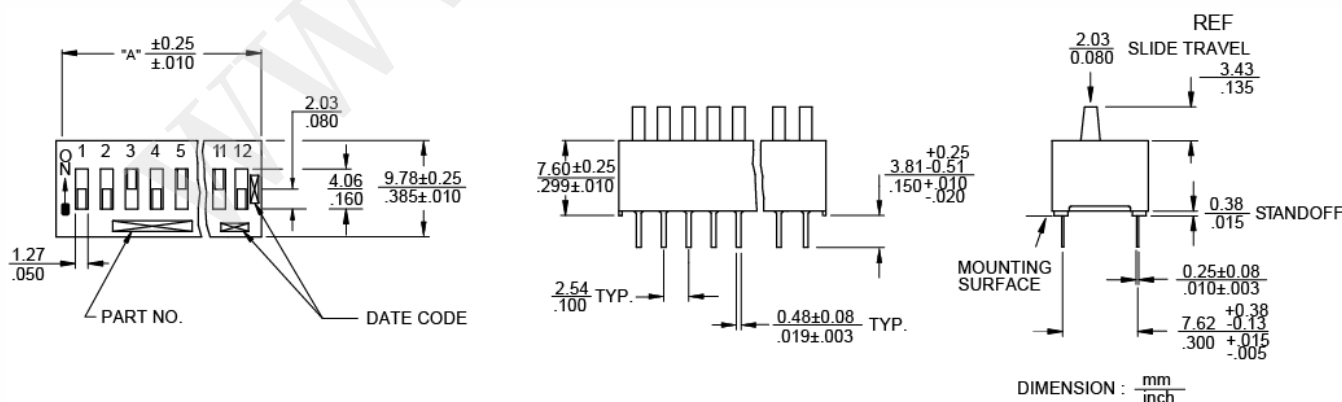


Figure 6 – Extended Actuators (SPST only)





# Series 206

Through-Hole DIP Switch

| "A" Overall Dimensions | Number of Switch Positions | Actuation | Part Number | Both Bottom and Top Sealed | Low Profile Both Bottom and Top Sealed |
|------------------------|----------------------------|-----------|-------------|----------------------------|----------------------------------------|
| 3.96 / .156            | 2                          | SPST      | 206-1S      | -                          | -                                      |
| 7.26 / .286            | 3                          | SPST      | 206-2       | 206-2ST                    | 206-2LPST                              |
| 9.80 / .386            | 4                          | SPST      | 206-3       | 206-3ST                    | 206-3LPST                              |
| 12.34 / .486           | 5                          | SPST      | 206-4       | 206-4ST                    | 206-4LPST                              |
| 14.88 / .586           | 6                          | SPST      | 206-5       | 206-5ST                    | 206-5LPST                              |
| 17.42 / .686           | 7                          | SPST      | 206-6       | 206-6ST                    | 206-6LPST                              |
| 19.96 / .786           | 8                          | SPST      | 206-7       | 206-7ST                    | 206-7LPST                              |
| 22.50 / .886           | 9                          | SPST      | 206-8       | 206-8ST                    | 206-8LPST                              |
| 25.04 / .986           | 10                         | SPST      | 206-9       | 206-9ST                    | 206-9LPST                              |
| 27.58 / 1.086          | 12                         | SPST      | 206-10      | 206-10ST                   | 206-10LPST                             |
| 32.66 / 1.286          |                            | SPST      | 206-12      | 206-12ST                   | 206-12LPST                             |
| 7.26 / .286            | 1                          | SPDT      | 206-121     | 206-121ST                  | 206-121LPST                            |
| 12.34 / .486           | 2                          | SPDT      | 206-122     | 206-122ST                  | 206-122LPST                            |
| 17.42 / .686           | 3                          | SPDT      | 206-123     | 206-123ST                  | 206-123LPST                            |
| 22.50 / .886           | 4                          | SPDT      | 206-124     | 206-124ST                  | 206-124LPST                            |
| 27.58 / 1.086          | 5                          | SPDT      | 206-125     | 206-125ST                  | 206-125LPST                            |
| 32.66 / 1.286          | 6                          | SPDT      | 206-126     | 206-126ST                  | 206-126LPST                            |
| 7.26 / .286            | 1                          | DPST      | 206-211     | 206-211ST                  |                                        |
| 12.34 / .486           | 2                          | DPST      | 206-212     | 206-212ST                  |                                        |
| 17.42 / .686           | 3                          | DPST      | 206-213     | 206-213ST                  |                                        |
| 22.50 / .886           | 4                          | DPST      | 206-214     | 206-214ST                  |                                        |
| 27.58 / 1.086          | 5                          | DPST      | 206-215     | 206-215ST                  |                                        |
| 32.66 / 1.286          | 6                          | DPST      | 206-216     | 206-216ST                  |                                        |
| 9.80 / .386            | 1                          | 3PST      | 206-311     | 206-311ST                  |                                        |
| 17.42 / .686           | 2                          | 3PST      | 206-312     | 206-312ST                  |                                        |
| 25.04 / .986           | 3                          | 3PST      | 206-313     | 206-313ST                  |                                        |
| 32.66 / 1.286          | 4                          | 3PST      | 206-314     | 206-314ST                  |                                        |