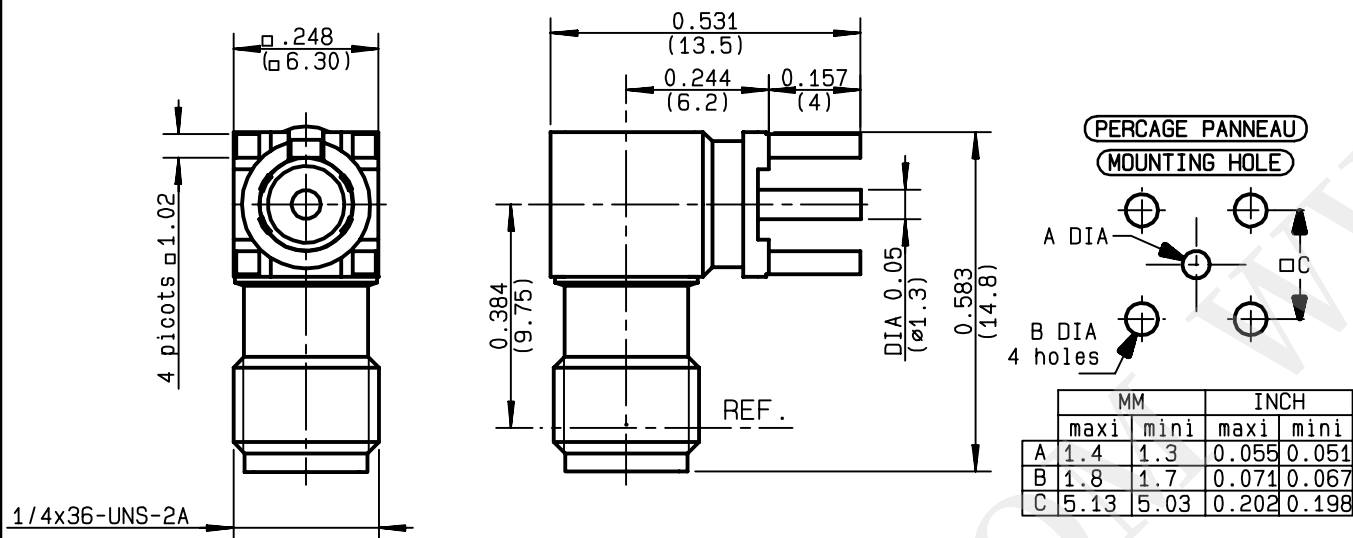


# RIGHT ANGLE JACK RECEPTACLE FOR PCB SOLDER LEGS

# R125.680.000

**SERIES SMA**



|                                 |                            |                        |
|---------------------------------|----------------------------|------------------------|
| NOMINAL IMPEDANCE               | 50                         | Ω                      |
| FREQUENCY RANGE                 | 0-18                       | GHz                    |
| TEMPERATURE RATING              | -65/+165                   | °C                     |
| V.S.W.R                         | *1.04 + .0045 x F(GHz)Maxi |                        |
| RF INSERTION LOSS               | 0.07 √F(GHz) dB Maxi       |                        |
| VOLTAGE RATING                  | 500                        | Veff Maxi              |
| DIELECTRIC WITHSTANDING VOLTAGE | 1000                       | Veff Mini              |
| INSULATION RESISTANCE           | 5000                       | MΩMini                 |
| HERMETIC SEAL                   | NA                         | Atm.cm <sup>3</sup> /s |
| LEAKAGE (pressurized only)      | NA                         |                        |
| MECHANICAL DURABILITY           | 500                        | Cycles                 |
| WEIGHT                          |                            | gr                     |
| SPECIFICATION                   |                            |                        |

CABLES :

OTHERS CHARACTERISTICS

## \* COAXIAL TRANSMISSION LINE ONLY

|                            |    |           |
|----------------------------|----|-----------|
| CABLE RETENTION            | NA | N Mini    |
| CENTER CONTACT RETENTION   |    |           |
| Axial force - mating end   | 27 | N Mini    |
| Axial force - opposite end | NA | N Mini    |
| Torque                     | NA | cm.N Mini |
| RECOMMENDED TORQUES        |    |           |
| Mating                     | NA | cm.N      |
| Panel nut                  | NA | cm.N      |
| Clamp nut                  | NA | cm.N      |

| CONNECTOR PARTS | MATERIALS        | FINISH                 | (all values are given in micrometers) |
|-----------------|------------------|------------------------|---------------------------------------|
| BODY            | STAINLESS STEEL  | GOLD 0.5 OVER NICKEL 2 |                                       |
| OUTER CONTACT   |                  |                        |                                       |
| CENTER CONTACT  | BERYLLIUM COPPER | GOLD 1.3 OVER NICKEL 2 |                                       |
| INSULATOR       | PTFE             | -                      |                                       |
| GASKET          |                  | -                      |                                       |
| OTHERS PIECES   |                  |                        |                                       |

BERTHET

ISSUE  
9842D00

CREATION DATE  
13/03/1991

FILE PART-NUMBER



**RADIALL**®

The information given here is subject to change without notice.  
Design changes may be in order to improve the product.

Connect to the future