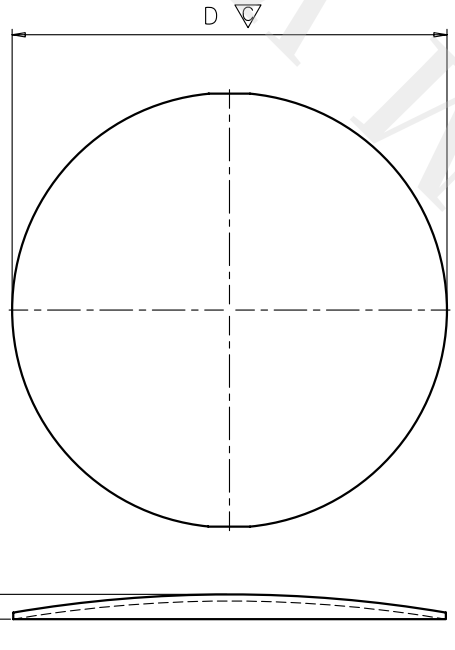
ACAD GENERATED DRAWING. DON'T CHANGE BY HAND.

REV	ECN NO.	APPD
A	HC060009	ZO
B	HC060033	ZO
C	HC100168	ZO
D	HC110001	ZO
E	HC140005	ZO
F	HC160002	ZO

NOTES:
1.ALL THE OPERATING PERFORMANCE SPEC. IN BELLOW TABLE SHOULD BE MET. THE MEASURE METHOD IS SHOWN AS Fig.1. OPERATE THE DOME 10 TIMES BEFORE MEASURING.



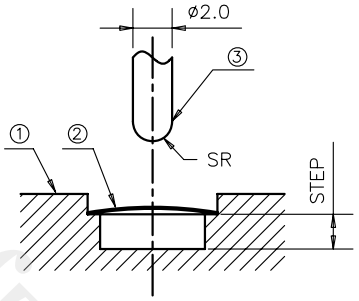


Fig1. MEASURING METHOD

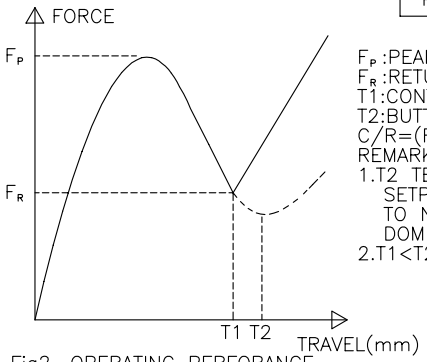


Fig2. OPERATING PERFORANCE

F_P :PEAK FORCE
F_R :RETURN FORCE
T1:CONTACT POINT
T2:BUTTON POINT
$C/R=(F_P-F_R)/F_P*100\%$
REMARK:
1.T2 TESTED WHEN THE SETP IS DEEP ENOUGH TO NOT CONTACT WITH DOME DURING MEASURING.
2.T1<T2

1) TEST SPEED : 120 SPM
2) TEST FORCE : F_P
3) MATERIAL : ALUMINUM.

2. OBVIOUS BURR, SCRATCHES, CRACKES IS FORBIDDEN.
3. DIMENSIONS MARKED ▽C SHOULD BE CHECKED BY Q.C. AND P.E.
4. DIMENSIONING SHALL BE INTERPRETED PER ANSI Y14.5M-1982.
5.HARMFUL MATERIAL CONTROL PLEASE FOLLOW DOC."HY-QW-02"
6. PART PERFORMANCE TABLE ▽C

PART NAME	D	H	P.F(gf)	C/R(%)	
600-5***-***	ø5 $^{+0}_{-0.05}$	0.25±0.05	CP±15	C/R±10	
600-C***-***	ø4.5 $^{+0}_{-0.05}$	0.22±0.05	CP±15	C/R±10	
600-4***-***	ø4 $^{+0}_{-0.05}$	0.2±0.05	CP±15	C/R±10	
600-B***-***	ø3.5 $^{+0}_{-0.05}$	0.18±0.05	CP±15	C/R±10	
600-3***-***	ø3 $^{+0}_{-0.05}$	0.16±0.05	CP±15	C/R±10	
600-L***-***	ø2.92 $^{+0.03}_{-0.02}$	0.15±0.05	CP±15	C/R±10	Ⓕ
600-J***-***	ø2.9 $^{+0}_{-0.05}$	0.15±0.05	CP±15	C/R±10	Ⓕ
600-K***-***	ø2.85 $^{+0.03}_{-0.02}$	0.15±0.05	CP±15	C/R±10	Ⓕ
600-A***-***	ø2.5 $^{+0}_{-0.05}$	0.15±0.05	CP±15	C/R±10	
600-D***-***	ø2.2 $^{+0}_{-0.05}$	0.15±0.05	CP±15	C/R±10	Ⓕ
600-2***-***	ø2.0 $^{+0}_{-0.05}$	0.15±0.05	CP±15	C/R±10	Ⓕ

6 0 * – Ⓔ * Ⓓ * * * – * * *

TYPE:
6 6
0 1
: :
圓 腰
形 圓
D D
O O
M M
E E

DIMPLE:
0 1 3 4 5
: : : : :
N 1 3 4 5
□
N D D D D
E I I I I
M M M M
P P P P
L L L L
E E E E
S S S

D:
2=ø2.0mm
3=ø3.0mm
4=ø4.0mm
5=ø5.0mm
6=ø6.0mm
A=ø2.5mm
B=ø3.5mm
C=ø4.5mm
D=ø2.2mm
E=ø2.3mm
F=ø2.4mm
G=ø2.7mm
H=ø2.8mm
J=ø2.9mm
K=ø2.85mm
L=ø2.92mm

C/R:
0=60%
1=65%
2=55%
3=45%
4=35%
5=25%
6=15%

STEP:
0=0.00mm
1=0.01mm
2=0.02mm
3=0.03mm
4=0.04mm
5=0.05mm
6=0.06mm
7=0.07mm
8=0.08mm
9=0.09mm
A=0.10mm

MATERIAL:
9=SUS
0=NI-SUS
S=AG-SUS
1=PB
2=BECU

CP:
060=060gf
080=080gf
100=100gf
130=130gf
160=160gf
180=180gf
200=200gf
250=250gf

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X. ± 0.2	X.° ± 3°	UNITS MM
.X ± 0.1	.X° ± 2°	MAT'L
.XX ± 0.05	.XX° ± 1°	FINISH
.XXX ± 0.03	.XXX° ± 0.5°	Q'TY

NAME(INTENDED USE): METAL DOME FOR TACT SWITCH
PART NO.(INTENDED USE): 600-****-***
APPD: ZO 3/18'2014
CHKD: M.H.Li 3/18'2014
DR: WP.Lu 3/18'2014

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HON YUAN PRECISION IND. CO.,LTD.
SHENZHEN, CHINA, R.O.C.

TITLE: DOME CUSTMER DRAWING
DWG NO.: 600-0000-000

SCALE	SHEET	REV.
1/1	1/5	F