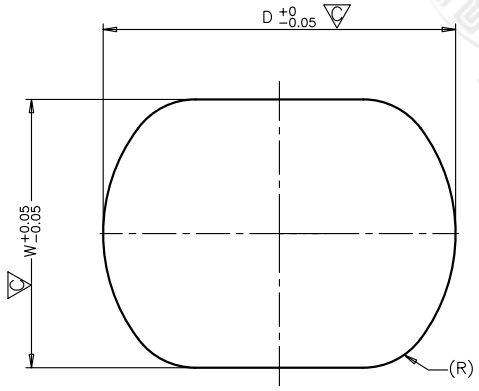
ACAD GENERATED DRAWING. DON'T CHANGE BY HAND.

REV	ECN NO.	APPD
A	HC060009	ZO
B	HC100097	ZO
C	HC150011	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.



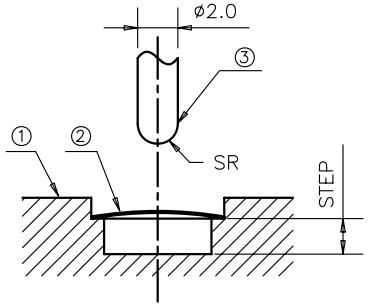


Fig1. MEASURING METHOD

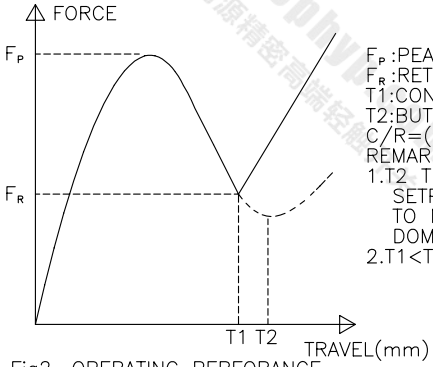


Fig2. OPERATING PERFORANCE

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

PART NAME	D ▽C	W ▽C	H	P.F(gf)	C/R(%)	
610–5***–***	ø5 +0 −0.05	3.7±0.05	0.25±0.05	CP±15	C/R±10	
610–C***–***	ø4.5 +0 −0.05	3.3±0.05	0.22±0.05	CP±15	C/R±10	©
610–4***–***	ø4 +0 −0.05	2.8±0.05	0.2±0.05	CP±15	C/R±10	
610–F***–***	ø2.4 +0 −0.05	2.2±0.05	0.15±0.05	CP±15	C/R±10	©
610–D***–***	ø2.2 +0 −0.05	1.6±0.05	0.13±0.05	CP±15	C/R±10	©
610–2***–***	ø2 +0 −0.05	1.5±0.05	0.12±0.05	CP±15	C/R±10	©

©

6 1 © * – © * © * * * – * * *

TYPE:	DIMPLE:	D:	C/R:	STEP:	MATERIAL:	CP:
□ BLONG DOME	0 1 3 4 5 N 1 3 4 5 □ NEMPLESS	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	0=60% 1=65% 2=55% 3=45% 4=35% 5=25% 6=15%	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	9=SUS 0=NI–SUS S=AG–SUS 1=PB 2=BECU	060=060gf 080=080gf 100=100gf 130=130gf 160=160gf 180=180gf 200=200gf 250=250gf

X. ± 0.2	X.° ± 3°	UNITS MM	NAME(INTENDED USE) METAL DOME FOR TACT SWITCH
.X ± 0.1	.X° ± 2°	MAT'L	
.XX ± 0.05	.XX° ± 1°	FINISH	PART NO.(INTENDED USE) 610–****–***
.XXX ± 0.03	.XXX° ± 0.5°	Q'TY	APPD: ZO 6/04'2015
			CHKD: M.H.Li 6/04'2015
			DR: WP.Lu 6/03'2015

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TITLE: DOME CUSTMER DRAWING

DWG NO.: 610–0000–000

SCALE	SHEET	REV.
1/1	1/5	C