

Fig.1. MEASURING METHOD

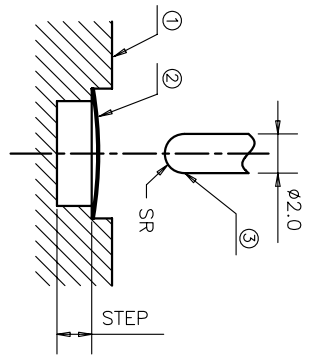


Fig.2. OPERATING PERFORMANCE

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.

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

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 : ALUMINIUM.
2. OBVIOUS BURR, SCRATCHES, CRACKES IS FORBIDDEN.
3. DIMENSIONS MARKED ∇ 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	H	P.F.(gf)	C/R(%)
600-5***-****	$\phi 5 \pm 0.05$	0.25 \pm 0.05	CP \pm 15	C/R \pm 10
600-C***-****	$\phi 4.5 \pm 0.05$	0.22 \pm 0.05	CP \pm 15	C/R \pm 10
600-4***-****	$\phi 4 \pm 0.05$	0.2 \pm 0.05	CP \pm 15	C/R \pm 10
600-B***-****	$\phi 3.5 \pm 0.05$	0.18 \pm 0.05	CP \pm 15	C/R \pm 10
600-3***-****	$\phi 3 \pm 0.05$	0.16 \pm 0.05	CP \pm 15	C/R \pm 10
600-L***-****	$\phi 2.92 \pm 0.02$	0.15 \pm 0.05	CP \pm 15	C/R \pm 10
600-J***-****	$\phi 2.9 \pm 0.05$	0.15 \pm 0.05	CP \pm 15	C/R \pm 10
600-K***-****	$\phi 2.85 \pm 0.02$	0.15 \pm 0.05	CP \pm 15	C/R \pm 10
600-A***-****	$\phi 2.5 \pm 0.05$	0.15 \pm 0.05	CP \pm 15	C/R \pm 10
600-D***-****	$\phi 2.2 \pm 0.05$	0.15 \pm 0.05	CP \pm 15	C/R \pm 10
600-2***-****	$\phi 2.0 \pm 0.05$	0.15 \pm 0.05	CP \pm 15	C/R \pm 10

TYPE: 601	DIMPLE: 01345	D: 2= $\phi 2.0$ mm 3= $\phi 3.0$ mm 4= $\phi 4.0$ mm 5= $\phi 5.0$ mm 6= $\phi 6.0$ mm A= $\phi 2.5$ mm B= $\phi 3.5$ mm C= $\phi 4.5$ mm D= $\phi 2.2$ mm E= $\phi 2.3$ mm F= $\phi 2.4$ mm G= $\phi 2.7$ mm H= $\phi 2.8$ mm J= $\phi 2.9$ mm K= $\phi 2.85$ mm L= $\phi 2.92$ mm	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: 0=NI-SUS 1=AG-SUS 2=BEUC	CP: 060=060gf 080=080gf 100=100gf 130=130gf 160=160gf 180=180gf 200=200gf 250=250gf
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形 圖 : 601
 圖 號 : 01345
 D D O O M M E E
 0 1 3 4 5
 P P P P L L L L
 M M M M E E E E
 F F S S S S
 ◎

X ± 0.2	X' ± 3'	UNITS	MM	NAME(INTENDED USE)	HON YUAN
.X ± 0.1	X' ± 2'	MAT'L		METAL DOME FOR TACT SWITCH	HON YUAN PRECISION IND. CO.,LTD. SHENZHEN, CHINA, R.O.C.
.XX ± 0.05	.XX' ± 1'	FINISH		PART NO.(INTENDED USE)	TITLE: DOME CUSTOMER DRAWING
.XXX ± 0.03	.XXX' ± 0.5'			APPD: ZO 3/18/2014	DWG NO.: 600-0000-000
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				DR: WP.LU 3/18/2014	1/1 1/5 REV. F

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