

Fig1. MEASURING METHOD

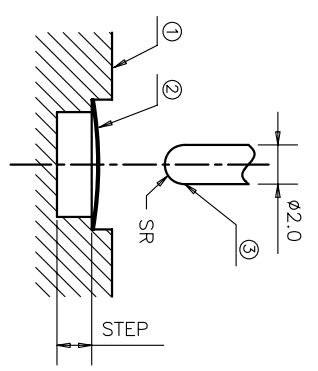


Fig2. OPERATING PERFORMANCE

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 : ALUMINUM.
2. OBVIOUS BURR, SCRATCHES, CRACKES IS FORBIDDEN.
3. DIMENSIONS MARKED  $\nabla$  SHOULD BE CHECKED BY O.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  $\nabla$

PART NAME	D	H	P.F(gf)	C/R(%)
600-5***-****	$\phi 5^{+0.05}$	0.25 $\pm$ 0.05	CP $\pm$ 15	C/R $\pm$ 10
600-C***-****	$\phi 4.5^{+0.05}$	0.22 $\pm$ 0.05	CP $\pm$ 15	C/R $\pm$ 10
600-4***-****	$\phi 4^{+0.05}$	0.2 $\pm$ 0.05	CP $\pm$ 15	C/R $\pm$ 10
600-B***-****	$\phi 3.5^{+0.05}$	0.18 $\pm$ 0.05	CP $\pm$ 15	C/R $\pm$ 10
600-3***-****	$\phi 3^{+0.05}$	0.16 $\pm$ 0.05	CP $\pm$ 15	C/R $\pm$ 10
600-L***-****	$\phi 2.92^{+0.02}$	0.15 $\pm$ 0.05	CP $\pm$ 15	C/R $\pm$ 10
600-J***-****	$\phi 2.9^{+0.05}$	0.15 $\pm$ 0.05	CP $\pm$ 15	C/R $\pm$ 10
600-K***-****	$\phi 2.85^{+0.02}$	0.15 $\pm$ 0.05	CP $\pm$ 15	C/R $\pm$ 10
600-A***-****	$\phi 2.5^{+0.05}$	0.15 $\pm$ 0.05	CP $\pm$ 15	C/R $\pm$ 10
600-D***-****	$\phi 2.2^{+0.05}$	0.15 $\pm$ 0.05	CP $\pm$ 15	C/R $\pm$ 10
600-2***-****	$\phi 2.0^{+0.05}$	0.15 $\pm$ 0.05	CP $\pm$ 15	C/R $\pm$ 10

TYPE:	6010	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	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=SUS 1=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 $\pm$ 0.2	X' $\pm$ 3'	UNITS	MM	NAME(INTENDED USE)	HON YUAN
.X $\pm$ 0.1	X' $\pm$ 2'	MAT'L		METAL DOME FOR TACT SWITCH	HON YUAN PRECISION IND. CO.,LTD. SHENZHEN, CHINA, R.O.C.
.XX $\pm$ 0.05	.XX' $\pm$ 1'	FINISH			
.XXX $\pm$ 0.03	.XXX' $\pm$ 0.5'				
APPD: ZO 3/18/2014		PART NO.(INTENDED USE)		TITLE: DOME CUSTMER DRAWING	
CHKD: M.H.LI 3/18/2014		DR: WP.LU 3/18/2014		DWG NO.: 600-0000-000	

SCALE SHEET REV. F  
 1/1 1/5