

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.

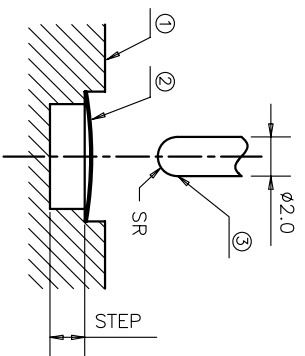
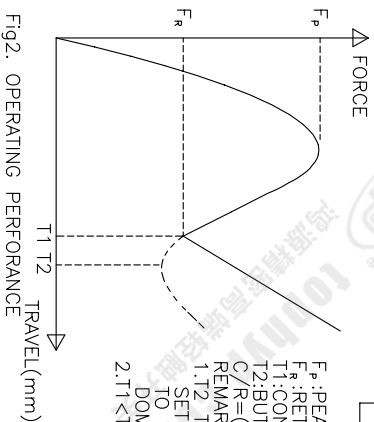


Fig1. MEASURING METHOD



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

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

- 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***-****	∅5 ^{+0.05} _{-0.05}	0.25±0.05	CP±15	C/R±10
600-C***-****	∅4.5 ^{+0.05} _{-0.05}	0.22±0.05	CP±15	C/R±10
600-4***-****	∅4 ^{+0.05} _{-0.05}	0.2±0.05	CP±15	C/R±10
600-B***-****	∅3.5 ^{+0.05} _{-0.05}	0.18±0.05	CP±15	C/R±10
600-3***-****	∅3 ^{+0.05} _{-0.05}	0.16±0.05	CP±15	C/R±10
600-L***-****	∅2.92 ^{+0.02} _{-0.02}	0.15±0.05	CP±15	C/R±10
600-J***-****	∅2.9 ^{+0.05} _{-0.05}	0.15±0.05	CP±15	C/R±10
600-K***-****	∅2.85 ^{+0.02} _{-0.02}	0.15±0.05	CP±15	C/R±10
600-A***-****	∅2.5 ^{+0.05} _{-0.05}	0.15±0.05	CP±15	C/R±10
600-D***-****	∅2.2 ^{+0.05} _{-0.05}	0.15±0.05	CP±15	C/R±10
600-2***-****	∅2.0 ^{+0.05} _{-0.05}	0.15±0.05	CP±15	C/R±10

TYPE:	DIMPLE:	D:	C/R:	STEP:	MATERIAL:	CP:
60111	01345	2=∅2.0mm	0=60%	0=0.00mm	9=SUS	060=060gf
01111	11345	3=∅3.0mm	1=65%	1=0.01mm	0=NI-SUS	080=080gf
01111	11345	4=∅4.0mm	2=55%	2=0.02mm	S=AG-SUS	100=100gf
01111	11345	5=∅5.0mm	3=45%	3=0.03mm	1=PB	130=130gf
01111	11345	6=∅6.0mm	4=35%	4=0.04mm	2=BECU	160=160gf
01111	11345	A=∅2.5mm	5=25%	5=0.05mm		180=180gf
01111	11345	B=∅3.5mm	6=15%	6=0.06mm		200=200gf
01111	11345	C=∅4.5mm		7=0.07mm		250=250gf
01111	11345	D=∅2.2mm		8=0.08mm		
01111	11345	E=∅2.3mm		9=0.09mm		
01111	11345	F=∅2.4mm		A=0.10mm		
01111	11345	G=∅2.7mm				
01111	11345	H=∅2.8mm				
01111	11345	J=∅2.9mm				
01111	11345	K=∅2.85mm				
01111	11345	L=∅2.92mm				

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.
.XX ± 0.05	.XX' ± 1'	FINISH			SHENZHEN, CHINA, R.O.C.
.XXX ± 0.03	.XXX' ± 0.5'				
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APPD: ZO 3/18/2014				PART NO.(INTENDED USE)	600-****-****
CHKD: M.H.LI 3/18/2014				TITLE:	HOME CUSTOMER DRAWING
DR: WP.LU 3/18/2014				DWG NO.:	600-0000-000
SCALE SHEET		REV.			
1/1	1/5	F			