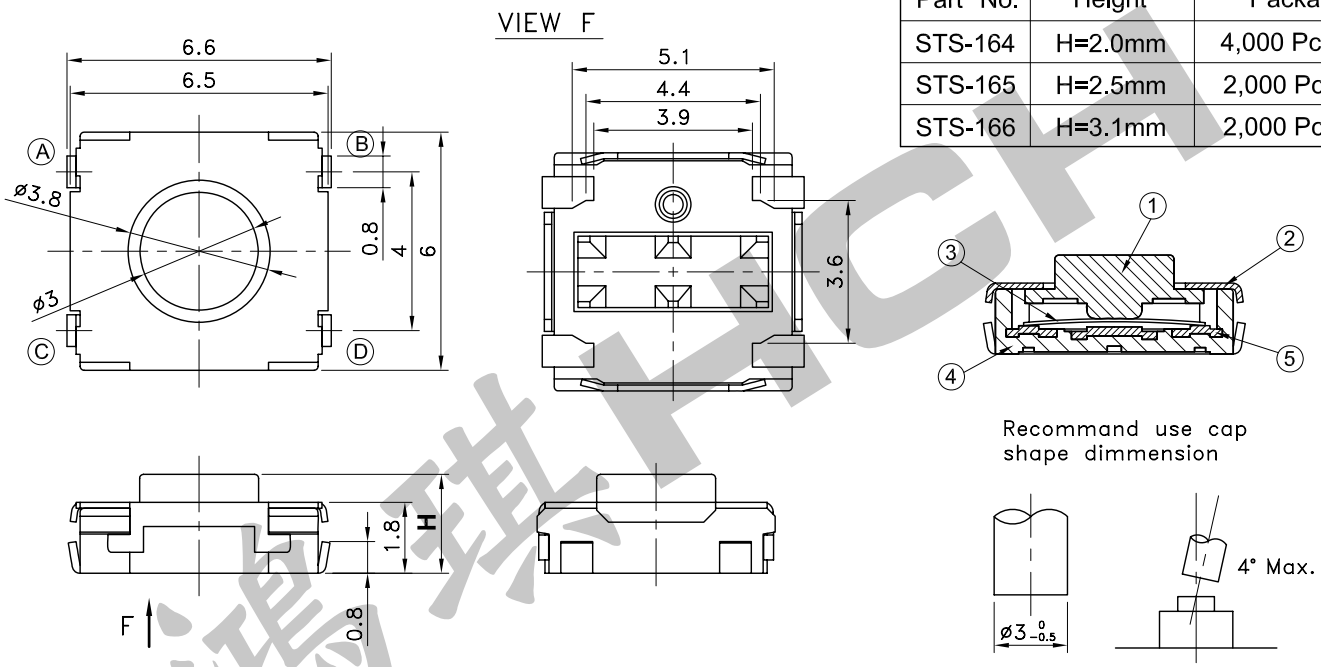
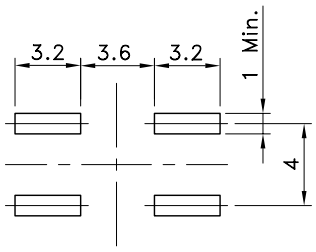
No.	Parts	Material	Finish
5	Immovable Contactor	Brass Plate	Silver Plating
4	Mounting Base	PPA	
3	Movable Contactor	Cold Rolled Stainless Steel Strip for Springs	One Side Silver Plating
2	Cover	Stainless Steel Sheet	One Side Silver Plating
1	Push Plate	PPA	

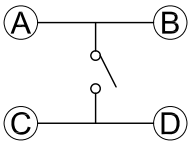
Part No.	Height	Package
STS-164	H=2.0mm	4,000 Pcs/Reel
STS-165	H=2.5mm	2,000 Pcs/Reel
STS-166	H=3.1mm	2,000 Pcs/Reel



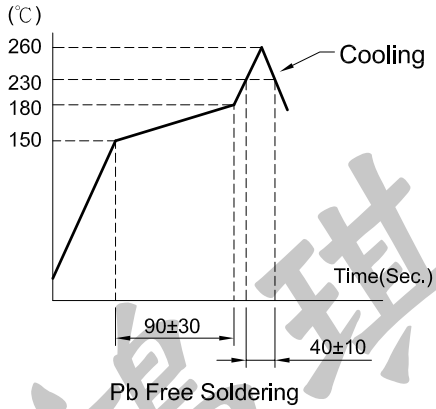
P.C.B TERMINAL POSITION



CIRCUIT ARRANGEMENT



REFLOW SOLDERING CONDITIONS



SPECIFICATIONS

1. Rating : DC 15V 20 mA Max.
   DC 2V 10 μA Min.
2. Contact Resistance : 100mΩ Max.
3. Insulation Resistance : 100MΩ Min. at DC 100V
4. Dielectric strength : AC 250V for 1 Minute
5. Operating Force : 260±60gf
6. Stroke : 0.25±0.1mm
7. Life : 200,000 Cycles
8. Operating Temperature Range : -40~+85°C
9. Storage Temperature Range : -40~+85°C (Bulk)
   : -20~+60°C (Taping)
10. Reflow Soldering Profile : According Reflow Profile
    2 Times

REVISION:	DATE:	REVISION:	DATE:
UNIT:mm	THIRD ANGLE PROJECTION METHOD	TOL. UNLESS OTHERWISE STATED:±0.2	CODE NO.: HCH-1936

ISSUED	CONFIRMED		PART NO.
John 2014.01.21	Elvis 2014.01.21	HCH® ISO9001 Certified ISO14001 Certified HORNG CHIH 鴻琪股份有限公司	STS-164 STS-165 STS-166

鴻琪 HCH