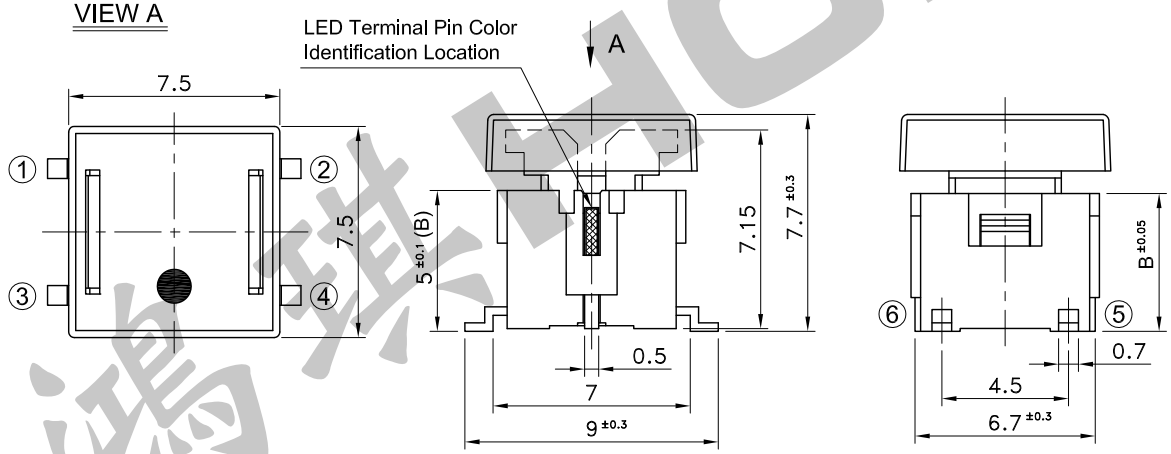
Part No.	LED Color
STS-225-L2	Red
STS-225-L5	Green
STS-225-L6	White
STS-225-L7	Blue
STS-225-L8	Yellow
STS-225-L9	Orange

LED Specifications

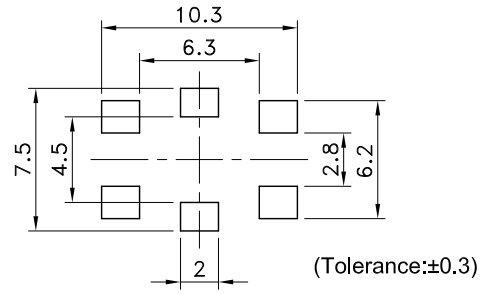
Color	Vr (Max.)	Reverse Current Ir (Max.)	Recommend Operating Current If	Pd (mW)	Peak Wave Length (λp) nm	Dominant Wave Length (λd) nm		Vf (at 20mA)		Iv (at 20mA)	
						Min.	Max.	Max.	Typ.	Min.	Typ.
Red	DC 5V	100μA	30mA	80	630	620	630	2.6V	2.1	63	150
Green	DC 5V	100μA	30mA	100	570	566	576	2.6V	2.0	42	100
Yellow	DC 5V	100μA	30mA	100	590	587±5		2.6V	2.1	94	200
Orange	DC 5V	100μA	30mA	100	610	600	610	2.6V	2.0	140	300
Blue	DC 5V	100μA	30mA	120	470	465	470	3.6V	3.2	63	150

Color	Vr (Max.)	Reverse Current Ir (Max.)	Recommend Operating Current If	Pd (mW)	Viewing Angle	Chromaticity Coordinates		Vf (at 5mA)		Iv (at 5mA)	
						X	Y	Max.	Typ.	Min.	Typ.
White	DC 5V	100μA	30mA	120	35 Deg	0.32	0.33	3.2V	2.8	28	50

VIEW A

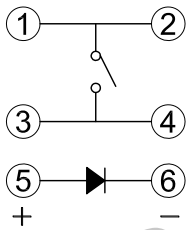


P.C.B TERMINAL POSITION

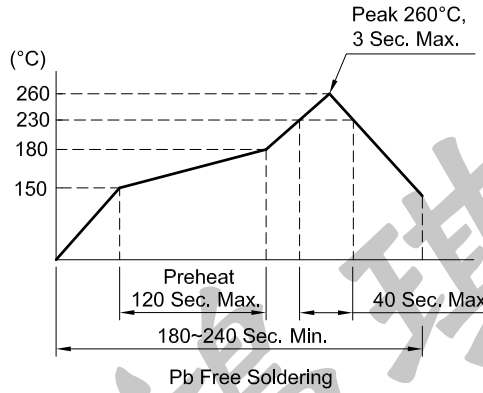


(Tolerance:±0.3)

CIRCUIT ARRANGEMENT



SOLDERING CONDITIONS



SPECIFICATIONS

1. Rating : DC 12V 50mA
2. Contact Resistance : 100mΩ Max.
3. Insulation Resistance : 100MΩ Min. at DC 100V
4. Dielectric Strength : AC 250V for 1 Minute
5. Operating Force : 160±50gf
6. Stroke : $0.25^{+0.2}_{-0.1}$ mm
7. Life : 100,000 Cycles
8. Package : 500 Pcs/Reel
9. Operating Temperature Range : -20~+70°C
10. Storage Temperature Range : -30~+80°C

REVISION:	DATE:	REVISION:	DATE:
UNIT:mm	THIRD ANGLE PROJECTION METHOD	TOL. UNLESS OTHERWISE STATED:±0.3	CODE NO.: HCH-2541

ISSUED	CONFIRMED		PART NO.
John	Elvis	HCH® ISO9001 Certified ISO14001 Certified HORNG CHIH 鴻琪股份有限公司	STS-225
2023.11.03	2023.11.03		

鴻琪 HCH