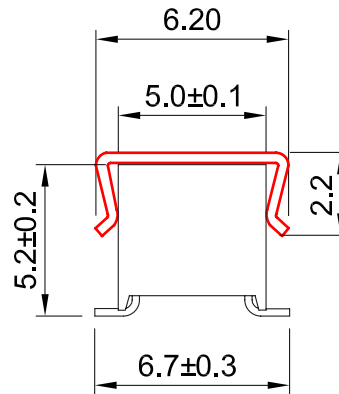
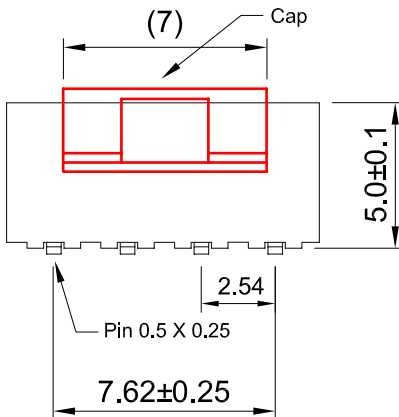
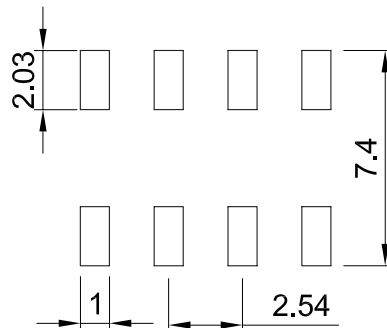
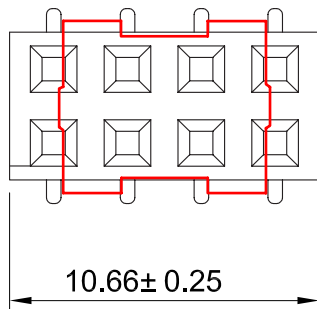


### Recommended P.C. Board SMD Layout



### Specifications

- Current Rating: 3 Amps
- Insulator Resistance: 5000Megohms min.
- Contact Resistance: 20 m ohms max.
- Dielectric Withstanding: AC 500V
- Operating Temperature: -40°C ~ +105°C
- Contact Material: Phosphor Bronze
- Insulator Material: Polyester, UL 94V-0 Nylon-6T
- Contact Plated: \*see options below
- Standard: Full Gold Flash

### Part Numbering System

**FH52SM-SD - XX - G D T**

Series

No. Of Pins:

Contact Plating:  
\*see options below

Cap Option:  
B = Blank  
L = Film  
D = Plastic Cap  
F = Metal Cap

Packing Method:  
B = Tube  
T = Tape and Reel

General Tolerance	
X. ± 0.50	X.° ± 5°
.X ± 0.20	.X° ± 2°
.XX ± 0.10	.XX° ± 1°
Units : mm	

* Contact Plating Option	Full Gold Plating	Gold Plated On Contact Area Tin Plated on Solder Area	Full Tin Plating
	G : Gold Flash G10: Gold 10u" G15: Gold 15u" G30: Gold 30u"	S: Gold Flash S10: Gold 10u" S15: Gold 15u" S30: Gold 30u"	T: Tin 100u"