



Note:

1.Material:

- 1.1 Insulator: P.B.T UL 94-V0 rated.
- 1.2 Contact: Copper alloy,t=0.20mm.
- 1.3 Shell: Cold rolled steel,t=0.40mm.

2.Specification:

- 2.1 Current rating: 1 A Max.
- 2.2 Dielectric withstanding voltage: 500 V(ac) for 1 minute.
- 2.3 Contact resistance: 30 mΩ Max.
- 2.4 Insulation resistance: 1000 MΩ Min at DC 500V.
- 2.5 Total mating force: 9.0 Kgf Max.
- 2.6 Total unmating force: 5.0 Kgf Min.
- 2.7 Temperature range: -55°C~+105°C

3.Finishes:

- 3.1 contacts:Gold flashed 1u",3u",5u",10u",15u",30u".
- 3.2 Shell: Nickel,tin or gold plated

4	Back-shell	1	Cold Rolled Steel	T=040mm	Tin Plated
3	Front-shell	1	Cold Rolled Steel	T=0.40mm	Nickel Plated
2	Contact	50	Copper alloy	T=0.20mm	Gold Plated
1	Housing	2	P.B.T	UL 94-V0	Black/Blue/White
No.	Part Name	Qty	Material	Remarks & Thickness	Finish

RoHS Compliant

TOLERANCES ARE

**MORETHANALL**  
PCB CONNECTORS  
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DRAWING BY CY

CHECKED BY GENIUS

UNIT / mm SCALE 1 : 1

DATE

SIZE A4

X, ±  
.X ±  
.XX ±  
.XXX ±  
ANG ±

P PROJECTION



ORDER INFORMATION

DE-PS-50-LF  
SERIES | LEADFREE  
50 WAY  
SEMI GOLD  
MALE

DESCRIPTION: