



Note:

1. Material:

- 1.1 Insulator: P.B.T UL 94-V0 rated.
- 1.2 Contact: Brass, 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 unmating force: 7.0 Kgf Max.
- 2.6 Total unmating force: 3.0 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

PART NO	A±0.25	B±0.25	C±0.25	D±0.25	E±0.25	G±0.25	H±0.20	I±0.20
DS-PS-37	69.40	63.50	55.42	8.30	15.30	12.60	2.77	2.84

6	8.0 Nut	2	Brass	H4.75*8.0	Nickel Plated
5	3B Nut	2	Brass	H4.75*4.75	Nickel Plated
4	Back-shell	1	Cold Rolled Steel	T=0.40mm	Tin Plated
3	Front-shell	1	Cold Rolled Steel	T=0.40mm	Nickel Plated
2	Contact	9~37	Brass	T=0.20mm	Gold Flashed
1	Housing	1	P.B.T	UL 94-V0	Black/Blue/White
No.	Part Name	Q'ty	Material	Remarks & Thickness	Finish

RoHS Compliant

TOLERANCES ARE

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PCB CONNECTORS  
Cable ASSEMBLIES

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DRAWING BY CY

CHECKED BY GENIUS

UNIT/mm SCALE 1:1

DATE

SIZE A4

PPOJECTION

X. ±  
.X ±  
.XX ±  
.XXX ±  
ANG ±



ORDER INFORMATION

DS-PS-37-LF  
SERIES | LEADFREE  
37 WAY  
SEMI GOLD  
MALE

DESCRIPTION: D-SUB SOLDER