

A	Dept	
	Qty	
	DC	1
	ED	1
	IE	1
	ISO	1
B	PD	1
	R&D	1
	SD	1
	QA	1
	QC	1
	QE	1

Notes:

- 1.1 Contact resistance: 20mΩ Max.
- 1.2 Dielectric withstanding voltage: 500V AC For 1 minute.
- 1.3 Insulation resistance: 1000MΩ Min.
- 1.4 Operating temperature: -40°C~+105°C.
- 1.5 Male pin range: Ø0.381~0.635.
- 1.6 Current rating: 3A Per Pin Max.

2.1 Contact Material: Copper Alloy.
2.2 Contact Plating: Gold or Tin Plating Over Nickel.
2.3 Insulator Material: PBT,Black,UL94-V0.

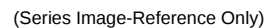
DS1001-01 - X X X X X X X - XX X

Part Number Breakdown:

- 1-4: No. of contacts**
06 08 12 14 16 18
20 24 28 32 40 48
- 5: Clip type**
B: 4 Fingers
- 6-7: Packing type**
B: Tube + Rubber
- 8: Central support**
S: W/ central support
X: W/O central support
- 9: Housing material**
S: PBT
- 10: Width**
N: 7.62mm(06-24P)
W: 15.24mm(24-40P)
- 11: Pin plating**
T1: Full tin
8: Full gold flash
- 12: Clip type**
B: 4 Fingers
- 13: Central support**
S: W/ central support
X: W/O central support
- 14: Housing material**
S: PBT
- 15: Width**
N: 7.62mm(06-24P)
W: 15.24mm(24-40P)
- 16: Pin plating**
T1: Full tin
8: Full gold flash

Positions	Dimension			
	A±0.5	B±0.3	C	D±0.2
06	7.62	5.08	10.16	7.62
08	10.16	7.62	10.16	7.62
14	17.78	15.24	10.16	7.62
16	20.32	17.78	10.16	7.62
18	22.86	20.32	10.16	7.62
20	25.40	22.86	10.16	7.62
24	30.48	27.94	10.16	7.62
28	35.56	33.02	10.16	7.62
24	30.48	27.94	17.78	15.24
28	35.56	33.02	17.78	15.24
32	40.64	38.10	17.78	15.24
40	50.80	48.26	17.78	15.24
48	60.96	58.42	17.78	15.24

Recommended PCB Layout(Tolerance= ± 0.05)



GENERAL TOLERANCE		ANGLE TOLERANCE		PROJECTION		TITLE	2.54mm IC SOCKET(Machine Pin) Vertical Through Type	
X.	±0.60	X.	±5°	UNITS	mm			
.X	±0.38	.X	±3°	SHEET SIZE	A4	SERIES	DS1001-01 SERIES	
.XX	±0.25	.XX	±2°	 晨翔电子有限公司 CONNFLY CONNFLY ELECTRONIC CO. LTD				
DRAWING TYPE		CUSTOMER						
SCALE	1:1	SHEET	1 OF 1					
DRAWING NO.	C-DS1001-01-XXXXX-E							

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