

**RoHS  
Compliant**



## Specifications

Connector Type	: DIP Socket
Pitch Spacing	: 2.54mm
Row Pitch	: 7.62mm
Contact Termination	: Through Hole Vertical
Contact Material	: Beryllium Copper
Contact Plating	: Gold

## Technical Data

### Material:

Pin (outer sleeve)	: Brass, machined, CuZn38Pb2
Clip (contact 4 finger)	: Beryllium copper, heat treated or PHBZ
Plating (outer sleeve)	: 2µm / 80µ" Nickel, Gold Flash
Plating Clip (contact)	: 2µm / 80µ" Nickel, Gold Flash
Insulator Body (black)	: Glass filled Thermoplastic Polyester

### Electrical:

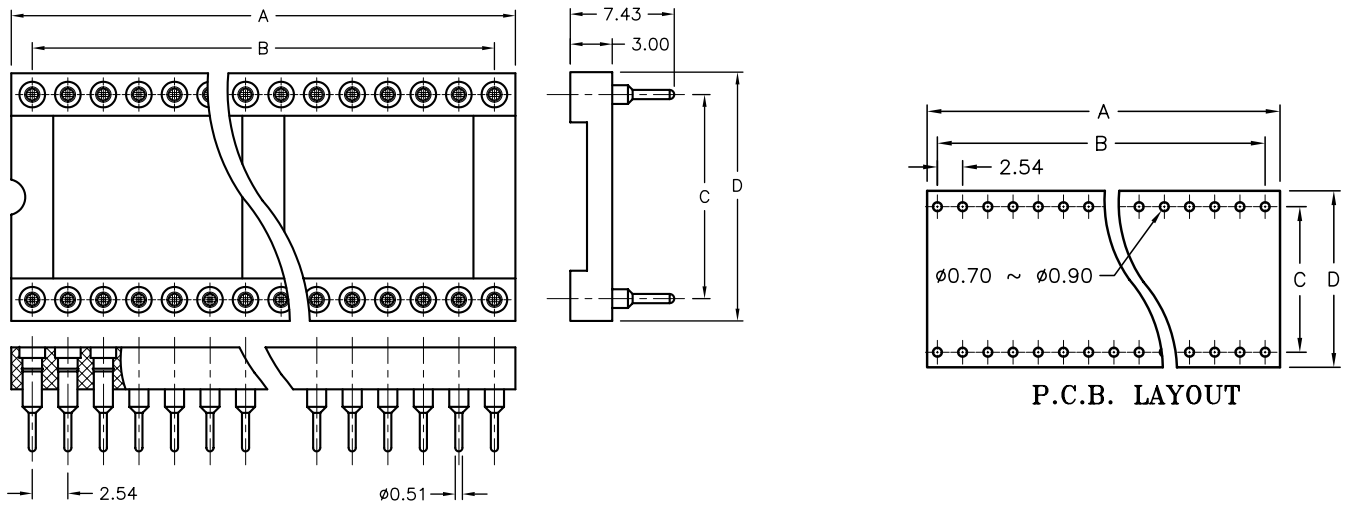
Current Rating	: 3 Amps / contact max.
Contact Resistance	: 4m / contact
Insulation Resistance	: 10,000MΩ at 500V AC
Rated Voltage	: 100 VRMS / 150V DC

### Mechanical:

Operating Temperature	: -40°C to +150°C
(Continuous)	: -67°C to +105°F
Average insertion force with steel pin of	: £ × 0.43mm / 0.017" < 250g
Average withdrawal force with steel pin of	: £ × 0.43mm / 0.017" > 50g
Mechanical Life	: Min. 200 Cycles

### Environmental Data:

Solderability (IEC 60068-2-20. Ta)	: 235°C, 2 sec
Resistance to soldering heat (IEC 60068-2-20. Tb)	: Through hole mount components : 260°C, 10 sec



Dimensions : Millimetres

## Part Number Table

Description	Number of Pins	Dimensions (mm)				Part Number
		A	B	C	D	
PCB IC Socket, Solder Tail, Gold Sleeve, Gold Clip	8	10.16	7.62	7.62	10.16	SPC15511
	14	17.78	15.24			SPC15513
	16	20.32	17.78			SPC15516
	20	25.4	22.86			SPC15520
	28	35.56	33.02			SPC15523

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