

## Dual-in-line IC Sockets - with screw machined pins

### Open Frame - Standard

Solder tail tin/gold - standard 4 finger clip contacts

# 100 Series

## Technical Data

### Material

- Pin: Brass, Machined
- Clip: Beryllium Copper, heat treated
- Plating: Tin plated; 1.25 μm / 50 μ" nickel  
5 μm / 200 μ" tin  
Gold plated; 1.25 μm / 50 μ" nickel  
full gold flash
- Plating: 1.25 μm / 50 μ" nickel  
(contact) gold and tin plating  
see table below
- Insulator body: Glass filled polyester  
(black) UL 94 V-0

### Electrical

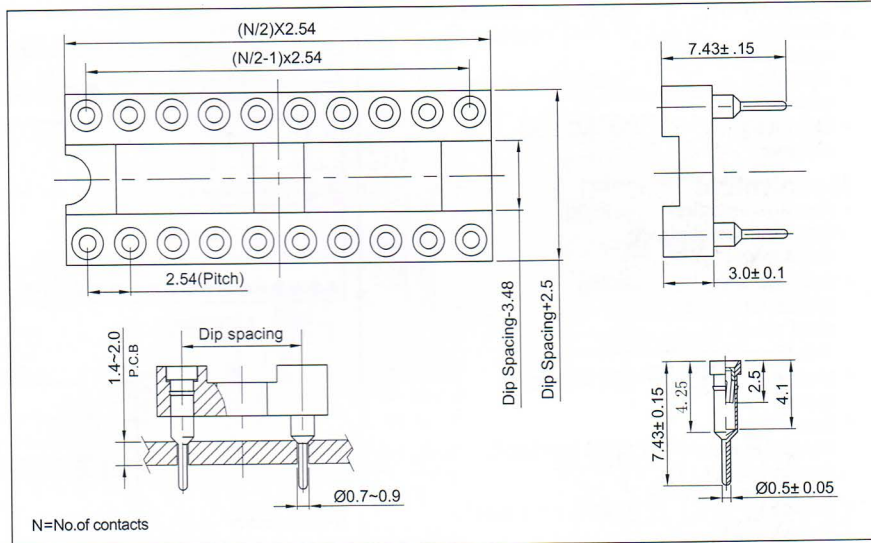
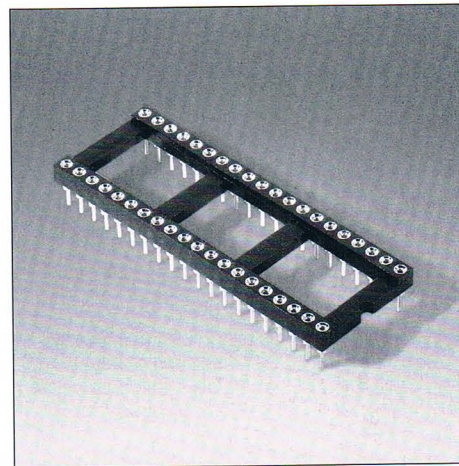
- Current rating: 3.0 Amps / Contact max.
- Contact resistance:  $\leq 4m\Omega$  / contact
- Insulation resistance:  $\geq 1000M\Omega$  at V=100V
- Operating voltage: 60VAC / DC

### Mechanical

- Average insertion force with steel pin of  $\phi 0.43mm / .017"$ :  $\leq 250g$
- Average withdrawal force with steel pin of  $\phi 0.43mm / .017"$ :  $\geq 25g$
- Mechanical life cycle: 200 Minimum
- Operating Temperature: -45°C to +105°C (continuous)
- Soldering Temperature: +240°C, 10 s max.

### Applications and Features

- The open frame version is the most common type.
- The open body design gives better access (for cleaning and inspections) to the PC-Board and better air cooling.
- High retention design prevents IC walkout during heavy vibrations.
- Pin design absolutely prevents 100% of the solder wicking and flux entrapment.
- Twist free construction.



Notes: Please replace "X" with appropriate coding listed in the tables below

X — 100 — XXX — X0 — XXXX — 00

RoHS		No. of contacts	Dip Spacing		Housing type		Pitch		Pin and Clip plated		
Code	Definition	No. of contacts	Code	Definition	Code	Definition	Code	Pitch	Code	Pin plated	Clip plated
Blank	No-RoHS	06,08,10,14,16,18,20,22,24,28,	3	7.62/.300"	1	With bar	0	2.54/0.1"	1001	Tin 200 μ"	Gold flash
R	RoHS	20,22,24,28,32	4	10.16/.400"	2	Without bar			1003	Tin 200 μ"	Gold 10 μ"
		24,28,32,36,40,42,48,50,52	6	15.24/.600"	6-16Pins Without bar only				1005	Tin 200 μ"	Gold 30 μ"
		50,52,64	9	22.86/.900"					1007	Tin 200 μ"	Tin 200 μ"
									1301	Gold flash	Gold flash
									1303	Gold flash	Gold 10 μ"
									1305	Gold flash	Gold 30 μ"
									1307	Gold flash	Tin 200 μ"