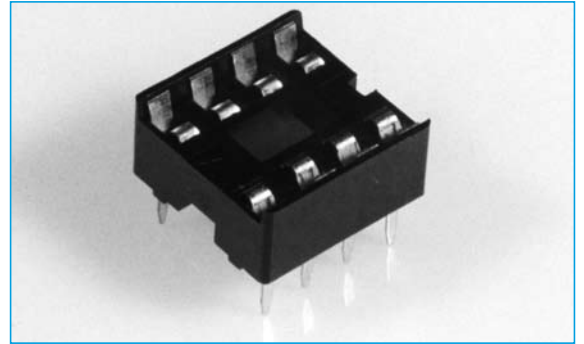


## IC SOCKETS

- Open frame style
- Very competitively priced
- Flame retardant
- Low profile
- Dual wipe stamped contacts
- Available on 0.3" & 0.6" pitch

## STAMPED & FORMED CONTACTS



## SPECIFICATION

### Material

**Insulator:** Thermoplastic polyester, UL rated 94V-0  
**Contacts:** Phosphor bronze  
**Plating:** Tin/lead

### Mechanical

**Vibration:** Passed MIL-STD-1334, Method 2005.1, Condition III, 15 G's  
**Shock:** Passed MIL-STD-1334, Method 2004.1, Condition G, 100 G's  
**Durability:** Passed MIL-STD-1334, Method 2016  
**Normal Force:** 170 Grams (6.0 oz.) with .009" x .015" (0,23 x 0,38) IC lead typ.  
**Contact Retention:** 340 Grams (12.0 oz.) minimum  
**Solderability:** Passed MIL-STD-202, Method 208  
**Insertion Force:** 169 Grams (6.0 oz) average with a .013"x.020" (0,33 x 0,51) dia. polished steel pin  
**Withdrawal Force:** 43 Grams (1.5 oz.) average with a .009" x .015" (0,23 x 0,38) dia. polished steel pin

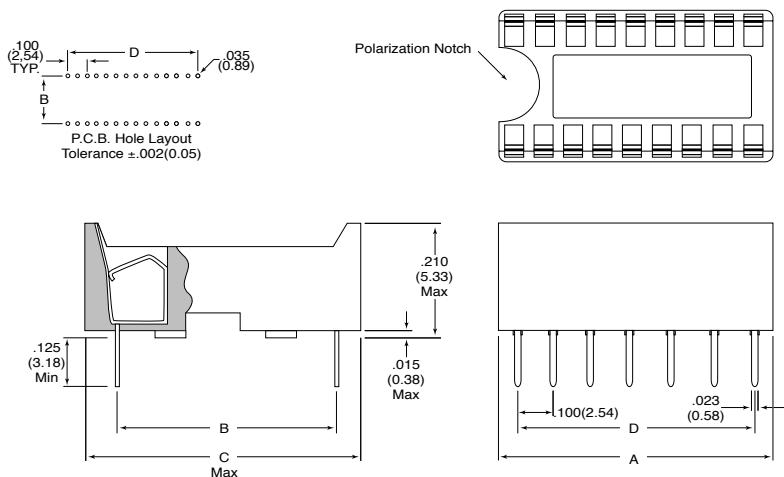
### Electrical

**Contact Resistance:** 10 mΩ  
**Contact Rating:** 2A  
**Capacitance:** 5 pF per MIL-STD-202, Method 305 (Adjacent contacts max.)  
**Insulation Resistance:** 5,000 MΩ @ 500 VDC per MIL-STD-1344, Method 3003.1  
**Dielectric Withstanding Voltage:** 1,000 Volts rms per MIL-STD-1344, Method 3001

### Environmental

**Humidity:** Passed MIL-STD-1344, Method 1002.2  
**Thermal Shock:** Passed MIL-STD-1344, Method 1003.1  
**Temperature Cycling:** Passed MIL-STD-1344, Method 1003.1  
**Operation Temperature:** Tin -55°C to +105°C  
**Salt Spray:** Passed MIL-STD-1344, Method 1001.1

## OUTLINE DRAWING



No. of Contacts	A	B	C	D
6	.300			.200
8	.400			.300
14	.700			.600
16	.800			.700
18	.900	.300±.005	.400	.800
20	1.00			.900
24	1.20			1.10
24	1.20	.600±.005	.700	1.50
28	1.40	.300±.005	.400	1.30
28	1.40	.600±.005	.700	1.30
32	1.60	.300±.005	.400	1.50
32	1.60	.600±.005	.700	1.50
40	2.00	.600±.005	.700	1.50
42	2.10	.600±.005	.700	2.00

### Application Dimensions:

PCB Thickness Range: Standard .062" and .092" (1,57 and 2,34)  
 PCB Hole Size Range: .035" ± .003" (0,89 ± 0,08) standard tail  
 IC Pin Dimension Range: .008" x .015" (0,20 x 0,38) through .013" x .020" (0,33 x 0,51), .100" (92,54) min.

## ORDERING INFORMATION

DBC	IC	32	SC	6
Dubilier Connectors	Series IC	No. of Ways	Type of Contact	Pitch
		06=6way 08=8way 14=14way 16=16way 18=18way 20=20way 24=24way	*24=24way 28=28way *28=28way 32=32way *32=32way *40=40way *42=42way	Blank=0.3" Pitch *6=0.6" Pitch