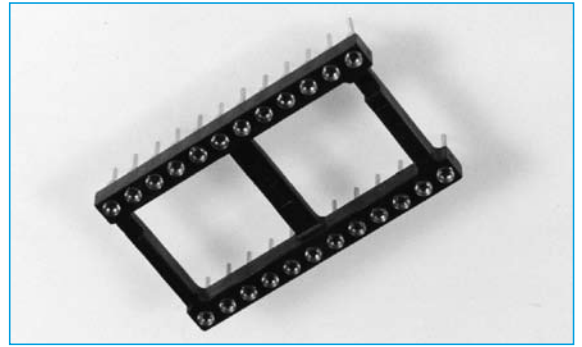


## IC SOCKETS

- Open frame style
- Available in 0.3", 0.6" & 0.9" pitch
- Very competitively priced
- Flame retardant
- Low profile
- Gold plated turned pin contacts

## TURNUED - PIN CONTACT



## SPECIFICATION

### Material

**Insulator:** Thermoplastic polyester, UL rated 94V-0  
**Sleeve:** Machined brass  
**Contact:** Beryllium copper  
**Sleeve Plating:** Tin  
**Contact Plating:** Gold flash

### Electrical

**Contact Resistance:** 10 mΩ max.  
**Contact Rating:** 3 A  
**Capacitance:** 1pF per MIL-STD-202, Method 305  
**Insulation Resistance:** 5,000 MΩ min. @ 500 VDC per MIL-STD-1344, Method 3003.1

### Dielectric Withstanding

**Voltage:** 1,000 Volts rms per MIL-STD-1344, Method 3001.1

### Environmental

**Humidity:** Passed MIL-STD-1344, Method 1002.2, Cond. II  
**Thermal Shock:** Passed MIL-STD-1344, Method 1003.1 Cond. A  
**Operation temperature:** -55°C to +105°C

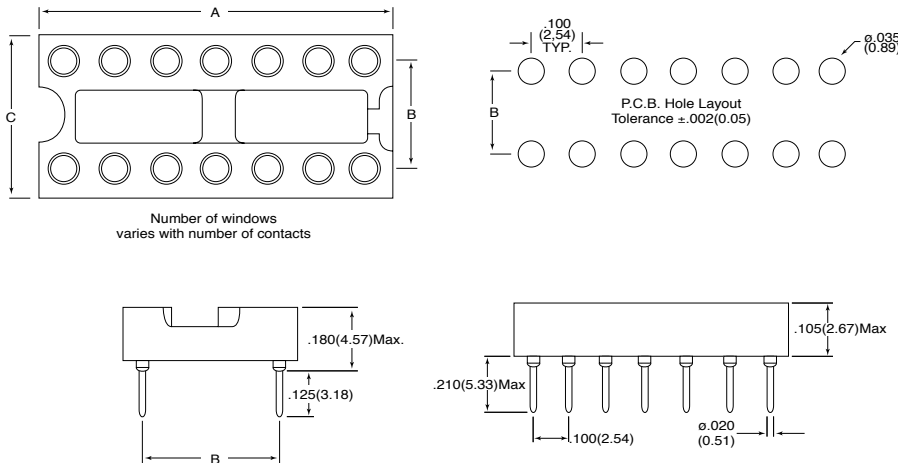
### Mechanical

**Vibration:** Passed MIL-STD-1344, Method 2005.1, Condition II, 10 G's  
**Shock:** Passed MIL-STD-1334, Method 2004.1, Condition C, 100 G's  
**Durability:** Passed MIL-STD-1344, Method 2016  
**Normal Force:** 125 Grams (4.4 oz.) average with .018" (0,46) dia. polished steel pin (Premium Series)  
 200 Grams (7.1 oz.) average with .018" (0,46) dia. polished steel pin (Economy Series)

### Inner Contact

**Retention:** 7.5 Lbs. per line average  
**Sleeve Retention:** 3.0Lbs. per line minimum  
**Solderability:** Passed MIL-STD-202F, Method 208  
**Insertion Force:** - 179 grams (6.3 oz.) average with a .018" (0,46) dia. polished steel pin  
**Withdrawal Force:** 63 Grams (2.2 oz.) average with a (Premium and Economy) .018" (0,46) dia. polished steel pin

## OUTLINE DRAWING



No. of Contacts	A	B	C
8	.400		
14	.700		
16	.800		
18	.900	.300	.400
20	1.00		
24	1.20		
24	1.20		
28	1.40		
32	1.60		
36	1.80	.600	.700
40	2.00		
42	2.10		
48	2.40		
64	3.20	.900	1.00

## ORDERING INFORMATION

DBC	IC	32	TP	6
Dubilier Connectors	Series	No. of Ways	Type of Contact	Pitch
	IC	06=6way 08=8way 14=14way 16=16way 18=18way 20=20way 24=24way *24=24way	TP=Turn Pin	Blank=0.3" Pitch *6=0.6" Pitch *9=0.9" Pitch
		*24=24way *28=28way *32=32way *36=36way *40=40way *42=42way *48=48way *64=64way		

### Application Dimensions:

PCB Thickness Range: Standard .062" and .092" (1,57 and 2,34).  
 PCB Hole Size Range: .035" ± .002" (0,89 ± 0,05) PC tail, .005" ± .003" (1,40 ± 0,08) solderless wrap.  
 IC Pin Dimension Range: .009" x .015" (0,23 x 0,38) through .001" x .020" (0,28 x 0,51)  
 .016" to .021" (0,41 to 0,53) round lead  
 .105" (2,67) min. length.