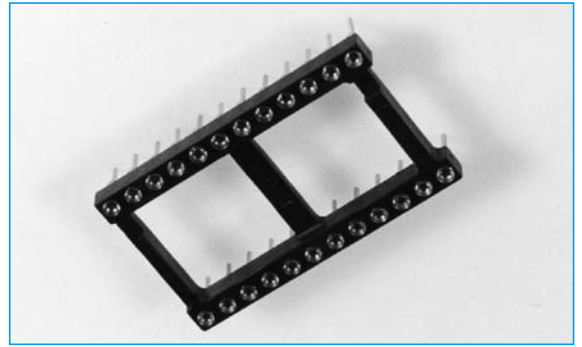


IC SOCKETS

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

TURNT - 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

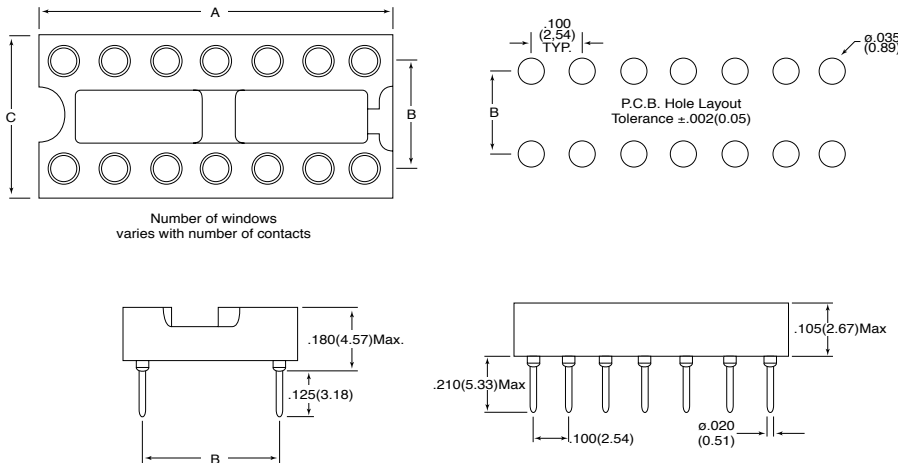
Mechanical

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.