



# SOJ STYLE SURFACE MOUNT SOCKET

.400 SPACING

CENTURY INTERCONNECT PRODUCTS

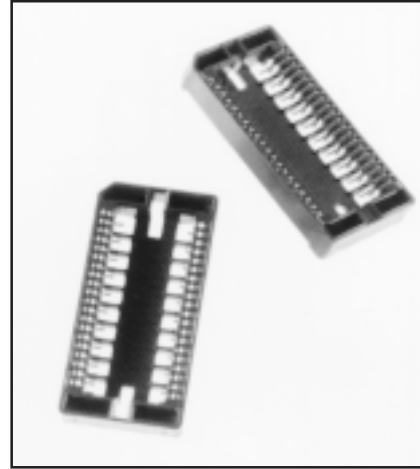
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## ORDERING INFORMATION

**SOJ-0.4 40 P T**  
1 2 3 4

- 1...Series SOJ style surface mount socket – .400 spacing
- 2...Number of Contacts  
28, 32, 40, 42, 44
- 3...Optional Locating Posts  
Blank...without locating posts  
P...with locating posts, .051 dia.
- 4...Tape and Reel Option  
Blank...not required  
T...Tape and reel available for 40 positions only, 400 pieces per reel

Consult factory for tape and reel specifications



## SPECIFICATIONS

### MATERIAL:

- Contact:** 5210 Phosphor bronze  
**Housing:** 40% glass filled PPS (UL94V-0)  
**Finish:** Tin plated 160 $\mu$ ” over 40 $\mu$ ” nickel.  
Tin/lead, 90%/10%

### MECHANICAL:

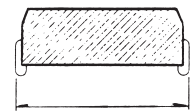
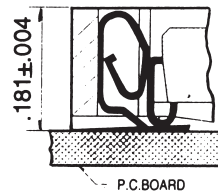
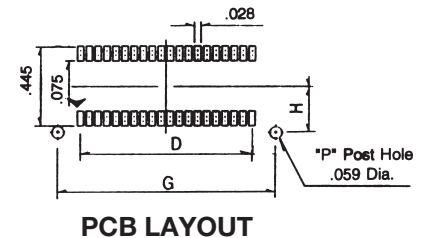
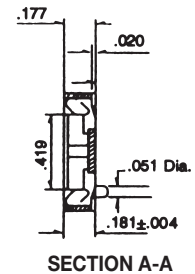
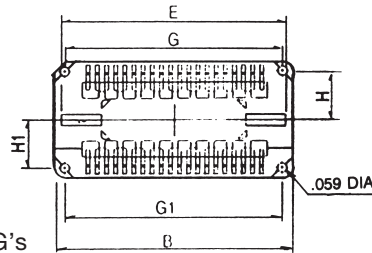
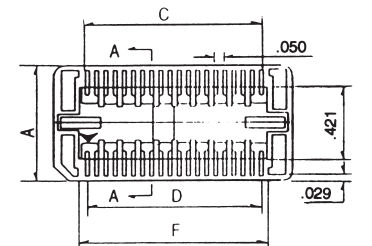
- Durability:** 25 Cycles  
**Vibration:** per MIL-STD-810, Method 514.2  
10-2,000 Hz, 5G's  
**Shock:** per MIL-STD-810, Method 516.2, 15G's  
**Acceleration:** per MIL-STD-810, Method 513.2, 15G's  
**Normal Force:** 7.05 oz. (200 gram) min./contact  
**Insertion Force:** 12 oz. (3.34 N) max./contact  
(max. gauge)  
**Extraction Force:** 0.5 oz. (0.14 N) min./contact  
(min. gauge)

### ELECTRICAL:

- Contact Resistance:**  
Initial: 6.5 milliohms average  
Final: 15.0 milliohms max. after testing  
**Insulation Resistance:** greater than 10000 megohms  
**Dielectric Withstanding Voltage:** 600 VAC RMS  
(1 min.)  
**Capacitance:** less than 1.0pf at 1000 KHZ

### ENVIRONMENTAL:

- Operating Temperature Range:**  
-50° C to +105° C  
**Thermal Shock:** per MIL-STD-1344, Method 1003  
Cond. A



Recommended  
Chip Width

No. of Contacts	A ±.008	B ±.008	C ±.004	D ±.004	E ±.008	F ±.008	G* ±.008	H* ±.008
28	.646	1.015	.650	.650	.452	.743	.900	.260
32	.646	1.115	.650	.650	1.052	.843	1.000	.260
40	.646	1.315	.950	.950	1.252	1.043	1.200	.260
42	.662	1.365	1.000	1.000	1.302	1.093	1.250	.260
44	.662	1.415	1.050	1.050	1.352	1.143	1.300	.260