



# SOJ STYLE SURFACE MOUNT SOCKET

.300 SPACING

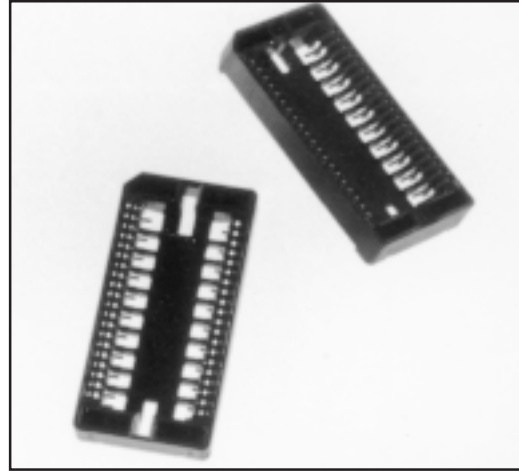
CENTURY INTERCONNECT PRODUCTS

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## ORDERING INFORMATION

**SOJ-0.3 28 P I**  
1 2 3 4

- 1...Series SOJ style surface mount socket – .300 spacing
- 2...Number of Contacts  
24, 26, 28, 32
- 3...Optional Locating Posts  
Blank...without locating posts  
P...with locating posts
- 4...Tape and Reel Option  
Blank...not required  
T...Tape and reel available for 28 and 32 positions only, 400 pieces per reel



## SPECIFICATIONS

### MATERIAL:

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

### MECHANICAL:

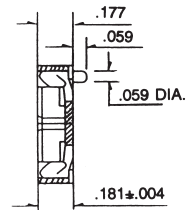
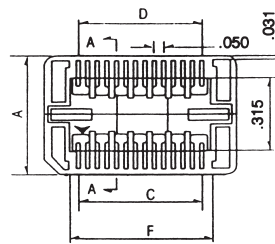
- Durability:** 25 Cycles  
**Vibration:** per MIL-STD-810, Method 514.2  
 10-2,000 Hz, 5G's  
**Shock:** per MIL-STD-810, Method 516.2, 15G's  
**Acceleration:** per MIL-STD-810, Method 513.2, 15G's  
**Normal Force:** 7.05 oz. (200 gram) min./contact  
**Insertion Force:** 12 oz. (3.34 N) max./contact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

### ELECTRICAL:

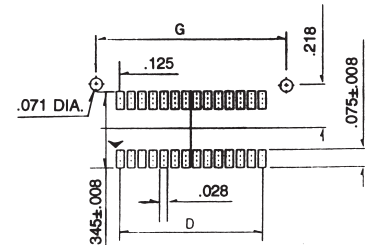
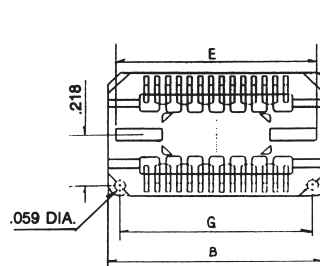
- Contact Resistance:**  
 Initial: 6.5 milliohms average  
 Final: 15.0 milliohms max. after testing  
**Insulation Resistance:** greater than 10000 megohms  
**Dielectric Withstanding Voltage:** 600 VAC RMS  
 (1 min.)  
**Capacitance:** less than 1.0pf at 1000 KHZ

### ENVIRONMENTAL:

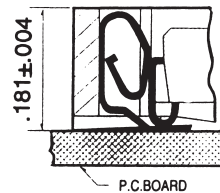
- Operating Temperature Range:**  
 -50° C to +105° C  
**Thermal Shock:** per MIL-STD-1344, Method 1003  
 Cond. A



SECTION A-A



PCB LAYOUT



Recommended  
Chip Width

No. of Contacts	A ±.008	B ±.008	C ±.004	D ±.004	E ±.008	F ±.008	G* ±.008
24	.546	.916	.550	.550	.852	.644	.850
26	.546	.966	.600	.600	.902	.694	.900
28	.546	1.016	.650	.650	.952	.744	.950
32	.546	1.116	.750	.750	1.052	.844	1.050

\*with locating posts