



# SOJ STYLE SURFACE MOUNT SOCKET

0.80mm CONTACT SPACING

CENTURY INTERCONNECT PRODUCTS

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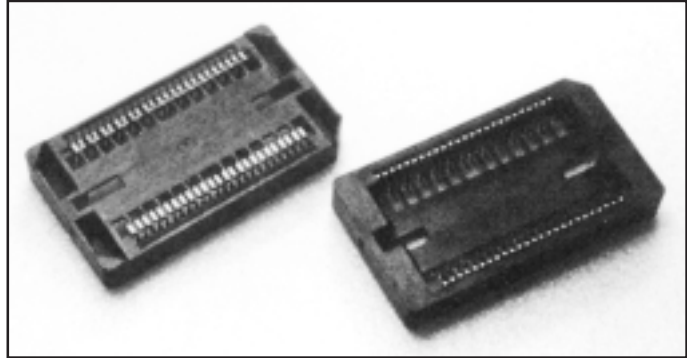
## ORDERING INFORMATION

SOJ-0.8 - 50 - \_  
1 2 3

**1...Series** SOJ style socket, surface mount,  
0.80mm contact spacing

**2...Number of Contacts**  
50...50 contacts

**3...Packaging Options**  
Blank...packaged in tubes  
T...Tape and reel



## SPECIFICATIONS

### ELECTRICAL:

**Current Rating:** 1 amp

**Operating Voltage:** 200V AC

**Contact Resistance:** 25 milliohms max.  
Per MIL-STD-1344A, Method 3002.1

**Insulation Resistance:** 800 megohms min.  
Per MIL-STD-1344A, Method 3003.1

**Dielectric Withstanding Voltage:** 500V AC  
Per MIL-STD-1344A, Method 3001.1

### MECHANICAL:

**Insulator Material:** High temperature LCP, UL94V-0

**Contact Material:** Copper alloy

**Contact Plating:** Tin over nickel

**Retention Force:** 10 ounces min.  
Per MIL-STD-1344A, Method 2007.1

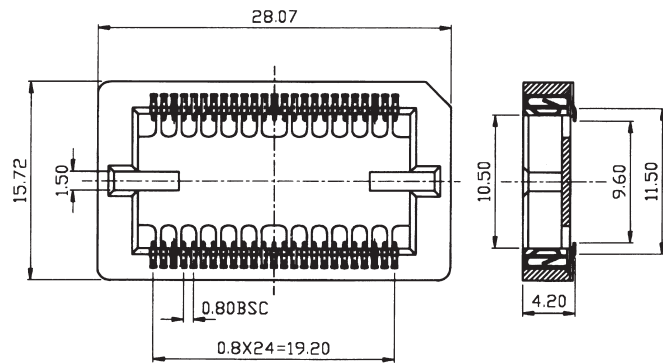
**Insertion Force:** 15 ounces max. per pin  
Per MIL-STD-1344A, Method 2013.1

**Extraction Force:** 1 ounces min. per pin  
Per MIL-STD-1344A, Method 20137.1

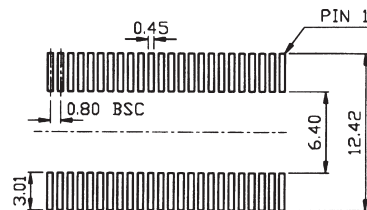
### ENVIRONMENTAL:

**Operating Temperature Range:** -55 degrees C  
to +105 degrees C

**Maximum Processing Temperature:**  
260 degrees C for 10 seconds  
230 degrees C for 30 to 60 seconds



DRAWING



P.C.B. LAYOUT