

1.0 mm FPC ZIF Connector

Features

- ▲ High Density 1.0 mm Pitch
- ▲ Surface Mount Technology
- ▲ Zero Insertion Force Design
- ▲ Packaged in Tubes

Specifications

Materials

Insulators: UL 94V-0 rated, Nylon 6-T, color Black

Contacts: Brass, Tin-Lead plated over Nickel underplate

Electrical

Contact Current Rating: 0.5 Amp

Contact Resistance: 35 milliohms max.

Rated Voltage: 200 vac

Dielectric Withstanding Voltage: 500 V r.m.s. for 1 minute (sea level)

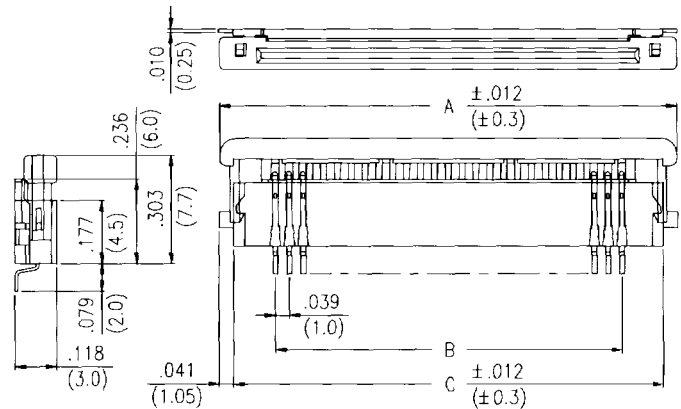
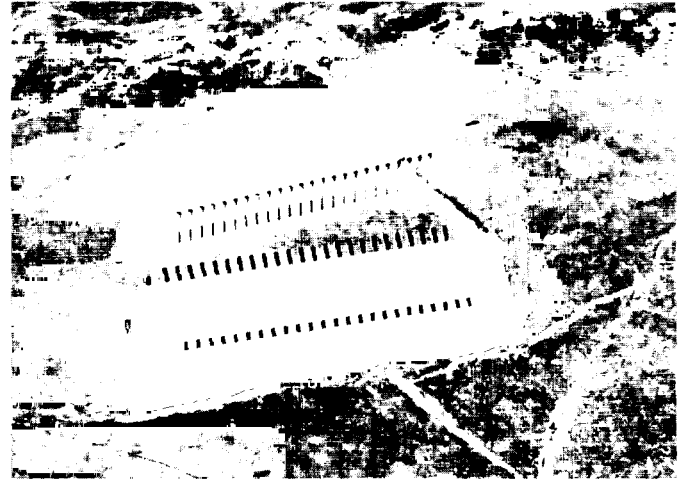
Insulation Resistance: 1,000 Megohm min.

Mechanical

Contact Retention: 1.5 lbf (.7 Kgf) min.

Environmental

Temperature Rating: -40°C to 85°C



Dimensions

POS	A	B	C	POS	A	B	C	POS	A	B	C
4	11.0	3.0	9.0	15	22.0	14.0	20.0	26	33.0	25.0	31.0
5	12.0	4.0	10.0	16	23.0	15.0	21.0	27	34.0	26.0	32.0
6	13.0	5.0	11.0	17	24.0	16.0	22.0	28	35.0	27.0	33.0
7	14.0	6.0	12.0	18	25.0	17.0	23.0	29	36.0	28.0	34.0
8	15.0	7.0	13.0	19	26.0	18.0	24.0	30	37.0	29.0	35.0
9	16.0	8.0	14.0	20	27.0	19.0	25.0	31	38.0	30.0	36.0
10	17.0	9.0	15.0	21	28.0	20.0	26.0	32	39.0	31.0	37.0
11	18.0	10.0	16.0	22	29.0	21.0	27.0	33	40.0	32.0	38.0
12	19.0	11.0	17.0	23	30.0	22.0	28.0	34	41.0	33.0	39.0
13	20.0	12.0	18.0	24	31.0	23.0	29.0				
14	21.0	13.0	19.0	25	32.0	24.0	30.0				

Ordering Information

Series _____ FPC Z - 20 - SH
 1 mm Pitch _____
 No. of Contacts _____
 4 through 34
 Style _____
 SH = SMT, Horizontal Mount

Specifications subject to change. Dimensions in $\frac{\text{ins.}}{\text{(mm)}}$
 Tolerance $\frac{.010}{(0.25)}$ unless otherwise specified.