

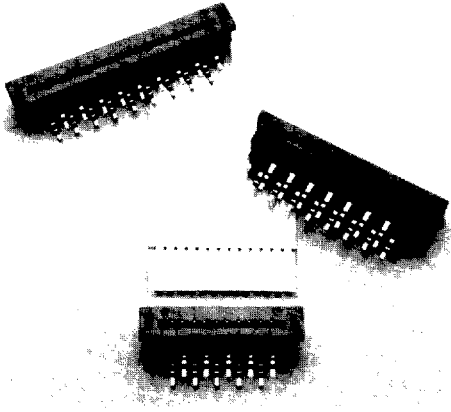
1.25mm FLEX PRINTED CIRCUIT

ZIFLOK™ SLP SERIES

ZIFLOK features a low profile design (5.5mm) and a narrow width (4.5mm) permitting closer packaging densities. Of an integral, two piece construction, ZIFLOK is easily used. By inserting the conductor into ZIFLOK (zero insertion force) and pressing down the latch of the slider, the conductor locks in with a positive, "snap". Releasing the conductor is accomplished by raising the latch.

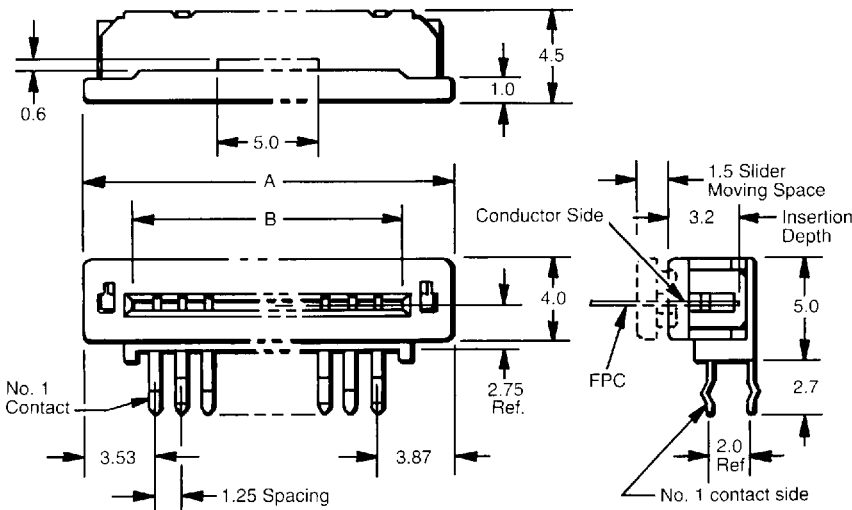
ZIFLOK utilizes the patented Burndy GTH contact principle that successfully eliminates the need for gold — without sacrificing reliability.

- **Zero insertion force**
 - Conductor locks in with positive "snap," yet is easily released.
- **Compact**
 - Low profile & narrow width design for closer packaging densities.
- **Low cost/high reliability**
 - Exclusive GTH contact system for good-as-gold performance at significant cost savings.

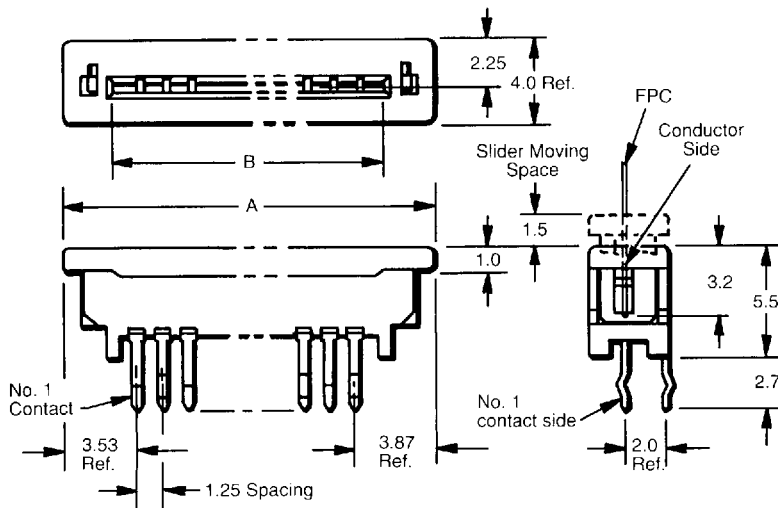


■ DIMENSIONS

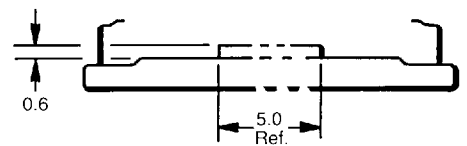
Side Entry



Top Entry



No. of Contacts	Catalog Number	Dimensions	
		A	B
4	SLP 4R/S-2	11.15	6.45
5	SLP 5R/S-2	12.40	7.70
6	SLP 6R/S-2	13.65	8.95
7	SLP 7R/S-2	14.90	10.20
8	SLP 8R/S-2	16.15	11.45
9	SLP 9R/S-2	17.40	12.70
10	SLP10R/S-2	18.65	13.95
11	SLP11R/S-2	19.90	15.20
12	SLP12R/S-2	21.15	16.45
13	SLP13R/S-2	22.40	17.70
14	SLP14R/S-2	23.65	18.95
15	SLP15R/S-2	24.90	20.20
16	SLP16R/S-2	26.15	21.45
17	SLP17R/S-2	27.40	22.70
18	SLP18R/S-2	28.65	23.95
19	SLP19R/S-2	29.90	25.20
20	SLP20R/S-2	31.15	26.45



■ PERFORMANCE CHARACTERISTICS

Operating Temperature -55°C to +85°C

Electrical

Operating Voltage 200V A.C.

Current Rating 1A Max./contact

Contact Resistance 30mΩ Max.

Insulation Resistance 1000MΩ Min.

Dielectric Withstanding Voltage 500V A.C.

Physical

Durability Contact Resistance 50mΩ Max.
after 20 insertions and withdrawals

Vibration No discontinuity greater than 1 microsecond
per JIS-C-5025

Environmental

Salt Spray Contact Resistance 50mΩ Max.
per JIS-C-5028

Moisture Resistance Contact Resistance 50mΩ Max.
per JIS-C-5023

Insulation Resistance 100MΩ Min.
Temperature Cycling Contact Resistance 50mΩ Max.
per JIS-C-5030

■ MATERIAL

Body/Slider Glass-filled Polyethylene Terephthalate (PET)

Color: Body Black

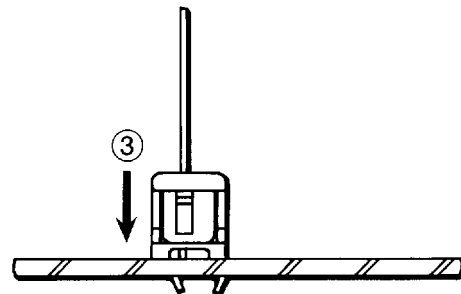
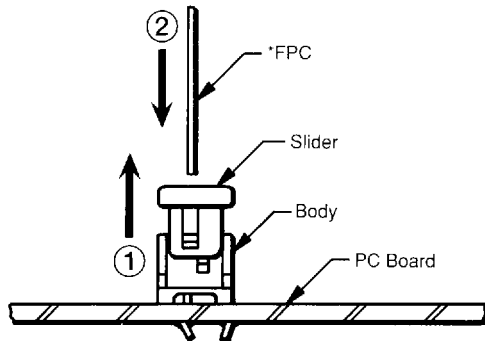
Slider Gray

Flammability Rating UL94V-O

Contact Phosphor Bronze (Tin Alloy plated)

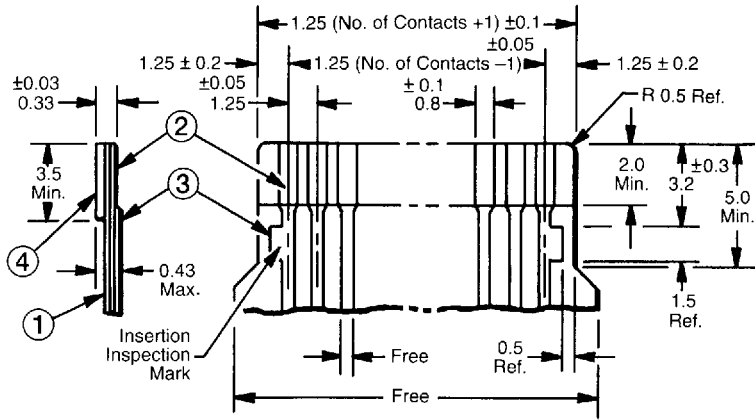
■ ASSEMBLY PROCEDURES

- ① Pull up the slider after soldering connector into position.
- ② Insert the *FPC into slot of connector.
- ③ Push down the slider to lock and make connection.



■ RECOMMENDED FPC

FPC



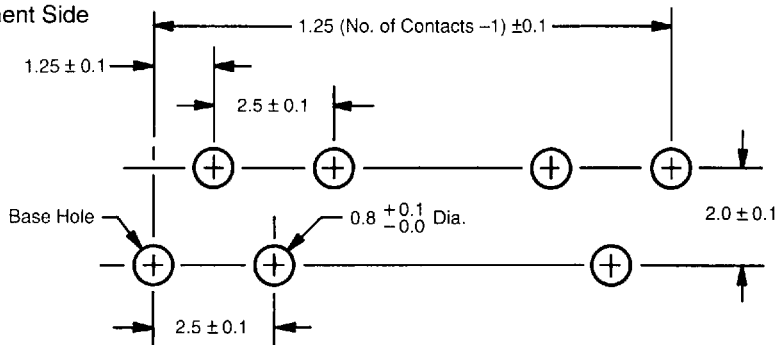
Bill of Materials

No.	Description	Material	Thickness (μm)
①	Base Film	Polyimide or equivalent	25
②	Conductor	Copper foil (Solder plated 2μm Min.)	35
③	Overlay	Polyimide or equivalent	—
④	Supporting Tape	Polyester or Polyimide or equivalent	188

■ RECOMMENDED PC BOARD

Thickness 0.8 to 1.6mm

Hole Pattern Component Side



■ ORDERING INFORMATION

