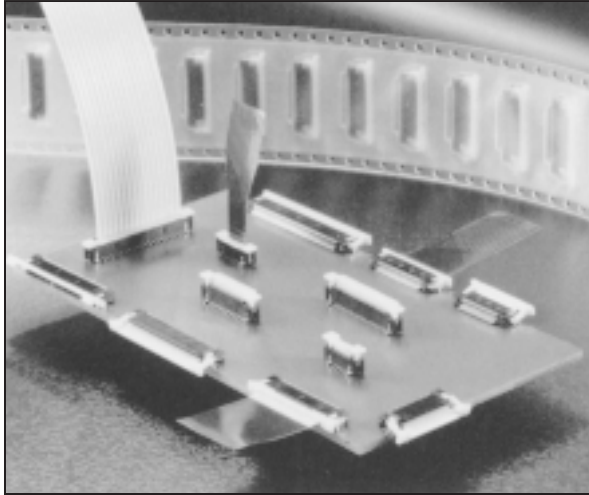


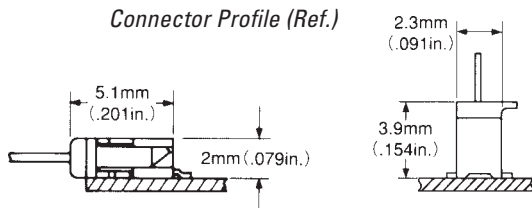
IL-FPR SERIES CONNECTORS

0.5mm (.020") Pitch, ZIF Type Connectors for FPC/FFC



FEATURES

- Extremely small, 0.5mm (.020") spacing
- SMT type for FPC
- Available in right-angle and straight versions
- A slider enables insertion/extraction of FPC without applying force (Zero Insertion Force)
- One-side contact configuration avoids mismatching of FPC
- Lower-side or upper-side FPC contact surfaces on right-angle version
- Hold down mechanism prevents floating up of the connector during soldering and retains the connector on the board
- Designed to avoid defective mating
- Supplied in embossed tape for automatic SMT mounting



IL-FPR Series SMT connectors meet today's requirements for smaller size and lighter weight. These connectors have extremely high contact density and low profiles: 0.5mm (.020") centers and a 2.0mm (.079") mounted height (right-angle type).

Both straight and right-angle types are available. The ZIF (zero insertion force) configuration permits easy insertion and extraction of the FPC (flexible printed circuit), even in a minimal amount of space. A wide variety of mounting styles are available.

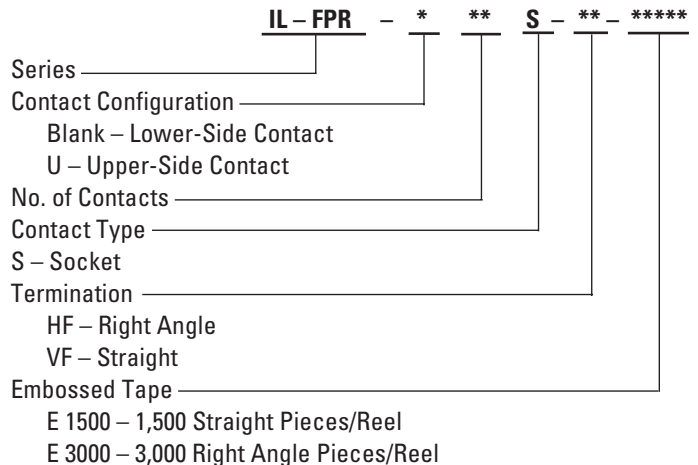
GENERAL SPECIFICATIONS

Number of Contacts	Right Angle type: 5 to 50 Straight type : 8 to 33 and 40
Contact Spacing	0.5mm (.020"), single row
Current Rating	0.5 Amps
Dielectric Withstanding Voltage	250 VAC r.m.s. (one minute)
Insulation Resistance	100 megohms min.
Contact Resistance	20 milliohms max.
Operating Temperature	-40°C +85°C
Applicable FPC	0.5mm (.020") Center 0.3mm $\begin{smallmatrix} +.005 \\ -.002 \end{smallmatrix}$ (.012" $\begin{smallmatrix} +.002 \\ -.001 \end{smallmatrix}$) Thick with reinforcement

MATERIALS AND FINISHES

Description	Materials/Finishes
Contact	Copper Alloy/Tin Plated
Base Insulator	Glass-filled PPS (Black)
Slide Insulator	Glass-filled PPS (White)
Hold-down Tab	Phosphor Bronze/Tin Plated

ORDERING INFORMATION



Dimensions and specifications subject to change without notice.