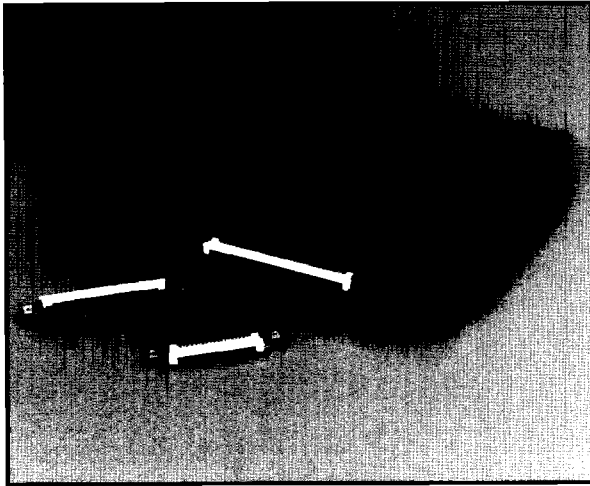


IL-FHR-B SERIES CONNECTORS

0.5mm (.020") Pitch Connectors for FPC



IL-FHR Series Suspended (B-Type)

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IL-FHR Series, B-type connectors are extremely high density, low profile connectors for PCB-to-FPC applications. The design utilizes a slider for easy, yet reliable, engagement of the flex cable to the contacts. They are ideally used in telecommunications devices such as personal computers (PC), personal digital assistants (PDA) and LCD displays.

FEATURES

- SMT configuration
- 1.4mm (.055") installed height on 0.6mm (.024") PCB
- Swinging slider construction permits slider operation with one hand
- 0.5mm (.020") contact spacing
- Applicable FPC 0.3mm (.012") center, 0.2mm (.008") thick with reinforcement
- 0.5 Amp operating current
- Available in embossed tape for automatic mounting

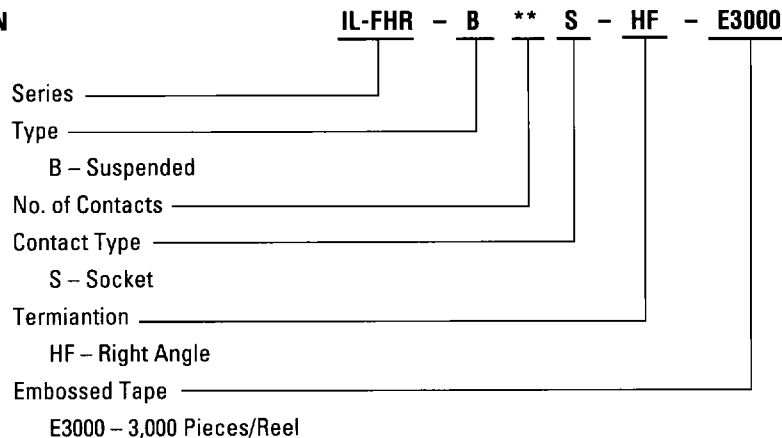
GENERAL SPECIFICATIONS

Number of Contacts	20, 26, 30, 36, 40, 50
Applicable FPC	0.5mm (.020") Center 0.3mm (.012") Thick with reinforcement
Current Rating	0.5 Amps
Dielectric Withstanding Voltage	250 VAC r.m.s. (for one minute)
Insulation Resistance	100 megohms min.
Contact Resistance	20 milliohms max.
Operating Temperature	-40°C to +85°C

MATERIALS AND FINISHES

Description	Materials/Finishes
Base Insulator	Heat-resistant Plastic (UL94V-0, Black)
Slide Insulator	Heat-resistant Plastic (UL94V-0, White)
Contact	Copper Alloy/Tin Plated
Hold-down	Copper Alloy/Tin Plated

ORDERING INFORMATION



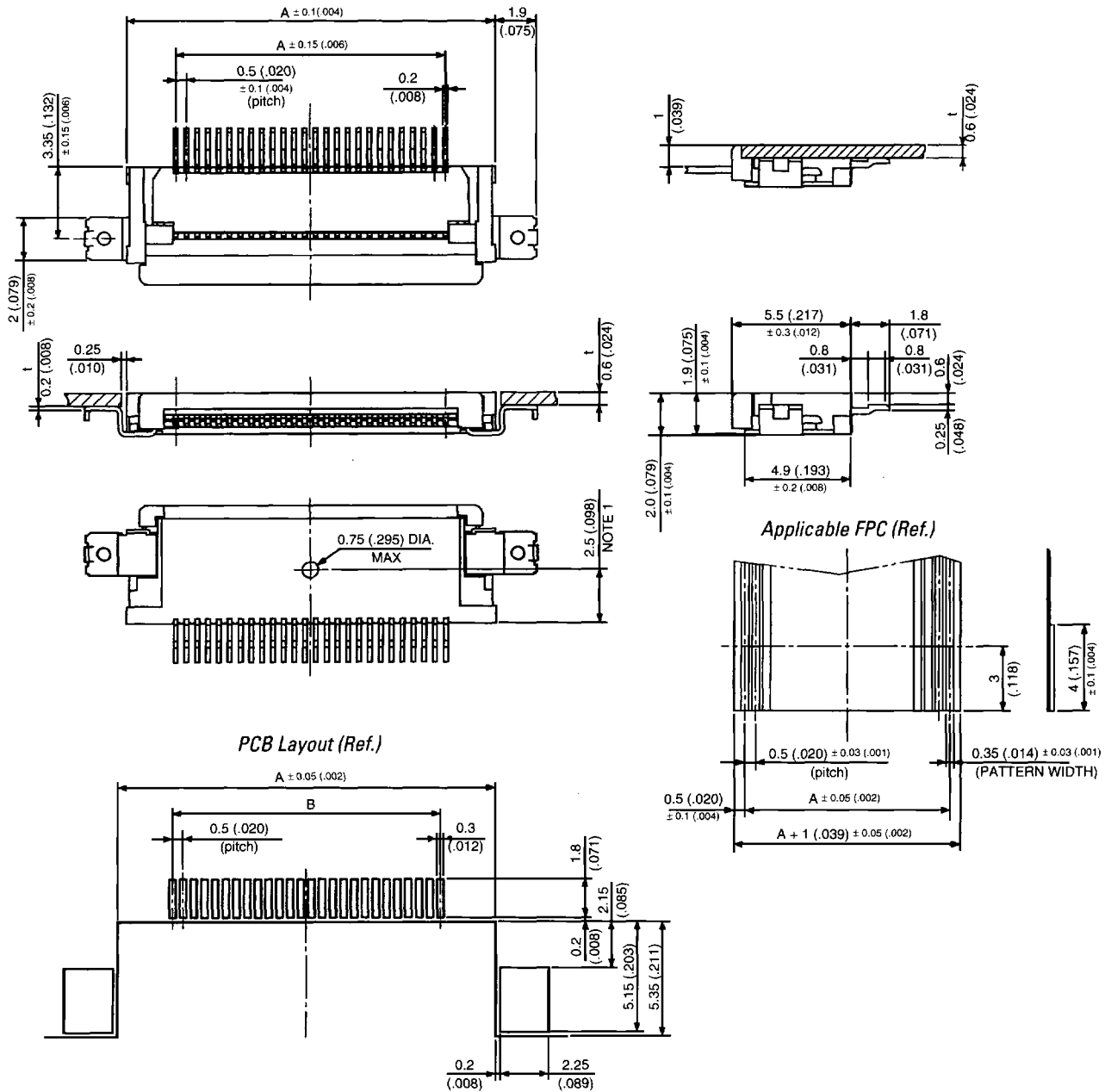
Dimensions and specifications subject to change without notice.

Hong Kong Tel: 2723-7782 Fax: 2723-9028	Japan 03-3780-2715 03-3780-2883	Korea 2-551-8959 2-551-8958	Philippines 46-433-0276 46-433-0287	Singapore 748-1332 748-2920	Taiwan 02-555-9711 02-556-5424	Europe 1276-21717 1276-66165	United States 949-753-2600 949-753-2699
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IL-FHR-B SERIES CONNECTORS

0.5mm (.020") Pitch Connectors for FPC



No. of Contacts	Part Number*	A	B	C
20	IL-FHR-B-20S-HF	14.1 (.556)	9.5 (.374)	14.6 (.575)
26	IL-FHR-B-26S-HF	17.1 (.673)	12.5 (.492)	17.6 (.693)
30	IL-FHR-B-30S-HF	19.1 (.752)	14.5 (.571)	19.6 (.772)
36	IL-FHR-B-36S-HF	22.1 (.870)	17.5 (.689)	22.6 (.890)
40	IL-FHR-B-40S-HF	24.1 (.949)	19.5 (.768)	24.6 (.968)
50	IL-FHR-B-50S-HF	29.1 (1.146)	24.5 (.965)	29.6 (1.165)

* For embossed tape, add E3000 to part number.

Dimensions in mm (inches).



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