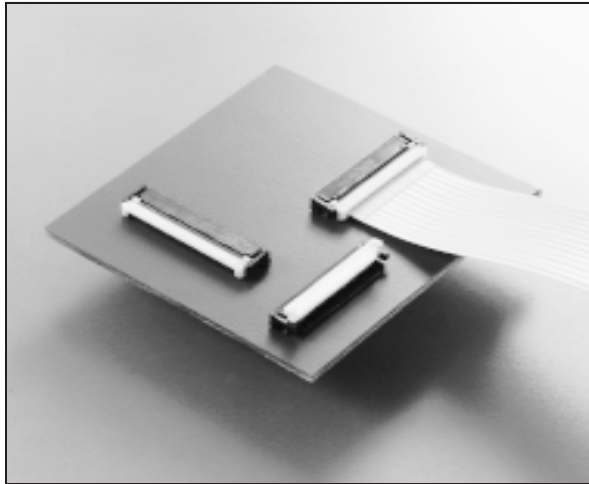


IL-FHR SERIES CONNECTORS

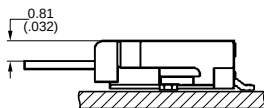
0.5mm (.020") Contact Spacing Connectors for FPC



FEATURES

- SMT configuration
- Low profile
- Rotating slider construction permits slider operation with one hand
- Applicable FPC 0.3mm (.012") center, 0.2mm (.008") thick with reinforcement
- Available in embossed tape for automatic mounting

Connector Profile (Ref.)



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IL-FHR Series 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 audio-visual, personal computers, personal digital assistants (PDA) and LCD displays.

GENERAL SPECIFICATIONS

Number of Contacts	8, 10, 14, 15, 18, 20, 22, 26, 30, 32, 33, 36, 40, 45, 50
Contact Spacing	0.5mm (.020")
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 and Slide Insulator	Glass-filled PPS (UL94V-0)
Contact	Phosphor Bronze/Tin Plated Terminal Area: Tin plating
Hold-down	Phosphor Bronze/Tin Plated

ORDERING INFORMATION

	IL-FHR	-	***	S	-	HF	-	E3000
Series								
No. of Contacts								
			08 – 26					
			F30 – F50					
Contact Type								
				S – Socket				
Termination								
					HF – Right Angle			
Embossed Tape								
								E3000 – 3,000 Pieces/Reel

Supplied by:

Midas Displays, Sauls Wharf House, Crittens Road, Great Yarmouth, Norfolk, NR31 0AG.

Dimensions and specifications subject to change without notice.

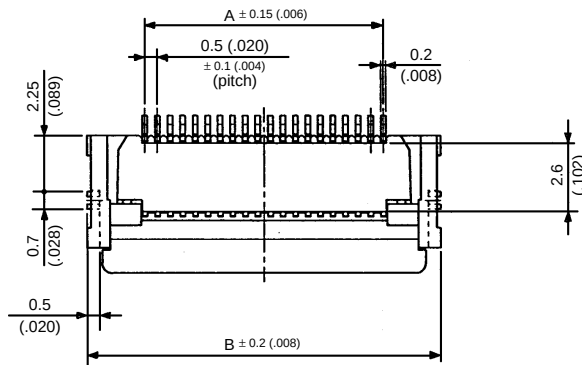
Telephone: +44 (0)1493 602602
Website: www.midasdisplays.com

Email: sales@midasdisplays.com
Email: tech@midasdisplays.com

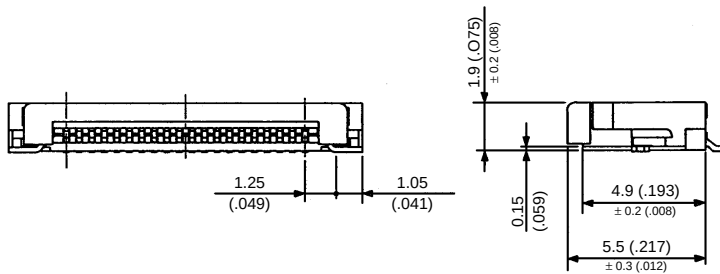
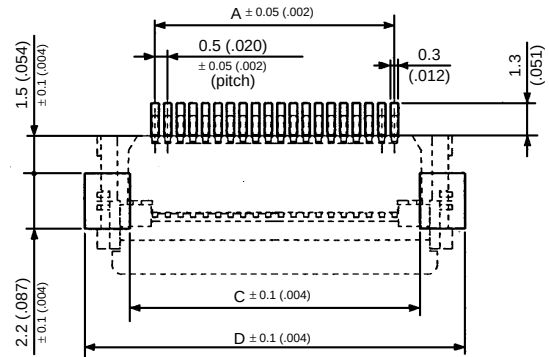


IL-FHR SERIES CONNECTORS

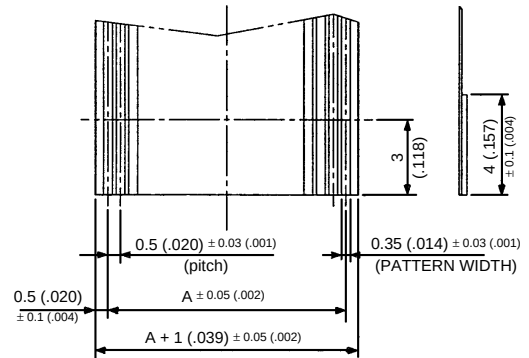
0.5mm (.020") Contact Spacing Connectors for FPC



PCB Layout (Ref.)



Applicable FPC (Ref.)



No. of Contacts	Part Number*	A	B	C	D	E
8	IL-FHR- 8S-HF	3.5 (.138)	8.1 (.319)	5.5 (.217)	9.1 (.358)	4.8 (.189)
10	IL-FHR-10S-HF	4.5 (.177)	9.1 (.358)	6.5 (.256)	10.1 (.398)	5.8 (.228)
14	IL-FHR-14S-HF	6.5 (.256)	11.1 (.437)	8.5 (.335)	12.1 (.476)	7.8 (.307)
15	IL-FHR-15S-HF	7 (.276)	11.6 (.457)	9 (.354)	12.6 (.496)	8.3 (.327)
18	IL-FHR-18S-HF	8.5 (.335)	13.1 (.516)	10.5 (.413)	14.1 (.555)	9.8 (.386)
20	IL-FHR-20S-HF	9.5 (.374)	14.1 (.555)	11.5 (.453)	15.1 (.594)	10.8 (.425)
22	IL-FHR-22S-HF	10.5 (.413)	15.1 (.594)	12.5 (.492)	16.1 (.634)	11.8 (.465)
26	IL-FHR-26S-HF	12.5 (.492)	17.1 (.673)	14.5 (.571)	18.1 (.713)	13.8 (.543)
30	IL-FHR-F30S-HF	14.5 (.571)	19.1 (.752)	16.5 (.650)	20.1 (.791)	15.8 (.622)
32	IL-FHR-F32S-HF	15.5 (.610)	20.1 (.791)	17.5 (.689)	21.1 (.831)	16.8 (.661)
33	IL-FHR-F33S-HF	16 (.630)	20.6 (.811)	18 (.709)	21.6 (.850)	17.3 (.681)
36	IL-FHR-F36S-HF	17.5 (.689)	22.1 (.870)	19.5 (.768)	23.1 (.909)	18.8 (.740)
40	IL-FHR-F40S-HF	19.5 (.768)	24.1 (.949)	21.5 (.846)	25.1 (.988)	20.8 (.813)
45	IL-FHR-F45S-HF	22 (.866)	26.6 (1.047)	24 (.945)	27.6 (1.082)	23.3 (.917)
50	IL-FHR-F50S-HF	24.5 (.965)	29.1 (1.146)	26.5 (1.043)	30.1 (1.181)	25.8 (1.016)

* For embossed tape, add E3000 to part number.

Dimensions in mm (inches).