



**THE DATASHEET OF
FI-S6P-HFE**



Board-to-Cable Connectors

Receptacle: **FI - JP##S - VF10 - R3000**

Cable Plug: **FI - JP##C - R3000**

Plug Shell: **FI - JP##C - SH1 - 9000**
Only orderable in reels

Receptacle: **FI - J##S - VF15N**

Cable Plug: **FI - J##C5 - T3000**

Plug Shell: **FI - J##C2 - SH - D - 10000**
Only orderable in reels

Receptacle: **FI - R_ ## S - HF**

E: EMI shell ————┐
 └─ H: Horizontal
 V: Vertical

Cable Plug: **FI - R_ ## H _**

E: EMI shell ————┐
 └─ L: Locking Latches
 H: Discrete wire crimp
 C: Fine-wire coaxial

Cover Shell: **FI - RE ## CL- SH2 - 3000**
Only for coax cable plug

Crimp Contacts: **FI-RC3-1A-1E-15000 (upper)**
FI-RC3-1B-1E-15000 (lower)

Hand Crimp Tool: **CT150-4C-FIR**
Semi-Auto: **3502-FI-2B**

Receptacle: **FI - DP ## SB - VF 20 L 1**

Mated Height
20, 1: 2.0mm
88, Blank: 8.8mm

Cable Plug: **FI - DP ## CL 1**

1: 42 position
Blank: 58 position

Cover Shell: **FI - DP ## CL- SSH - E - 10000**
Only orderable in reels

Single Row

Receptacle: **FI - S_ ##P - HFE**

Cable Plug: **FI - S_ ##S**

E: EMI Shell ————┐
 └─ S: Discrete wire crimp
 ME: FPC/FFC
 MRE: Rev. FPC/FFC

Dual Row

Receptacle: **FI - TWE##PB - VF** Vertical
FI - W_ ##P - HFE Right angle

└─ E: EMI Shell

Cable Plug: **FI - W##S**

Crimp Contacts: **FI-C3-A1-15000**
Hand Crimp Tool: **CT150-4C-FI**
Semi-Auto: **3502-FI-2B**

Receptacle: **FI -**
B: Mid mount ————
S: Stronger s

Cable Plug: **FI -**

H: Discrete wire crimp
C, C2, C2E: Fine-wire
MA1, FR: FPC/FFC

Crimp Contacts:
Hand Crimp Tool:
Semi-Auto:

SMT Receptacle:

Cable Plug:

Crimp Contacts:
Hand Crimp Tool:
Semi-Auto:

Vertical Recept:
R/A Recept:
Cable Plug:

Crimp Contacts:
Hand Crimp Tool:

Semi-Auto:

Series	FI-JP	FI-J	FIR	FI-DP	FI-X	FI (single row)	FI (dual row)
Photo							
Pitch	0.25mm	0.4mm	0.5mm	0.5mm	1.0mm	1.25mm	1.25mm
Discrete Wire AWG	N/A	N/A	#30,32,36	#32-36	#30,32,36	#28,30,32	#28,30,32
Coax AWG	#44,46	#42,44	#40	#40-42	#32,40	N/A	N/A
FPC/FFC	N/A	N/A	FFC (JF04)	N/A	0.14±0.03mm	0.14±0.03mm	N/A
Pin Count	40,50	20,25,30,35,40	21,31,41,51	42, 58	30	2-6,8,10,15,20, 25,30	5,7,9,11,13,15,17,19,21,31,41
R/A Height	1.1mm	1.58mm	3.8mm	2.0,8.8mm	1.0-2.35mm	1.8mm	3.7mm
Locking	Friction	Friction	Latches	Latches	Latches	Friction	Friction
Durability	20 cycles	30 cycles	50 cycles	30 cycles	50 cycles	50 cycles	50 cycles
Current Rating	0.2A	0.3A	0.8A	0.5A	1.0A	1.0A	1.0A
Voltage Rating	50V	50V	200V	200V	200V	200V	200V
Features	Vertical mating. Small footprint.	Vertical mating. Small footprint.	VESA standard for LCD interface of HD TV. Vertical mount available.	Vertical mating LCD connector compatible with LVDS and eDP.	VESA standard for 1.0mm pitch LVDS interface.	Single row for low profile.	Dual row for smaller footprint.



Visit our online catalog at: <http://www.jae-connectors.com>



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