

Board-to-Cable Connectors

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Technology to Inspire Innovation

JAE

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
 (Only for 20 pos, FPC)
 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 - X_30S_ _ L - HF**

B: Mid mount
 S: Stronger shell
 R: Reverse

Cable Plug: **FI - X30H_ _**

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

Crimp Contacts: **FI-XC3A-1-15000**
 Hand Crimp Tool: **CT150-4C-FIX**
 Semi-Auto: **3502-FI-2B**

SMT Receptacle: **IL - Z - ##PL_ - SMTYE**

1: 0.6mm post
 Blank: 1.6mm post




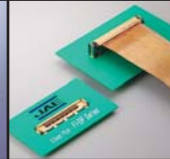
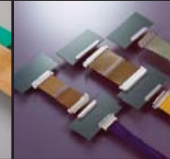
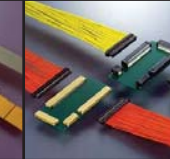
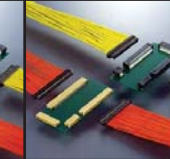
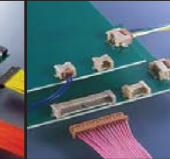
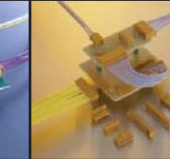
Cable Plug: **IL - Z - ##S - S125C3**

Crimp Contacts: **IL - Z-C3-A-15000**
 Hand Crimp Tool: **CT150-4C-ILZ**
 Semi-Auto: **3502-ILZ-2**

Vertical Recept: **IL - G - ##P - S3T2 - SA**
 R/A Recept: **IL - G - ##P - S3L2 - SA**
 Cable Plug: **IL - G - ##S - S3C2 - SA**

Crimp Contacts: **IL-G-C2-SC-10000**
 Hand Crimp Tool: **CT150-1_ -ILG**

Semi-Auto: **3502-ILG-2**
 Blank: AWG#28-26
 B: AWG#26-24
 C: AWG#24-22
 D: AWG#20

Series	FI-JP	FI-J	FI-R	FI-DP	FI-X	FI (single row)	FI (dual row)	IL-Z	IL-G
Photo									
Pitch	0.25mm	0.4mm	0.5mm	0.5mm	1.0mm	1.25mm	1.25mm	1.25mm	2.5mm
Discrete Wire AWG	N/A	N/A	#30,32,36	#32-36	#30,32,36	#28,30,32	#28,30,32	#28,30,32	#22,24,26,28
Coax AWG	#44,46	#42,44	#40	#40-42	#32,40	N/A	N/A	N/A	N/A
FPC/FFC	N/A	N/A	FFC (JF04)	N/A	0.14±0.03mm	0.14±0.03mm	N/A	N/A	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	2-15	2-15
R/A Height	1.1mm	1.58mm	3.8mm	2.0,8.8mm	1.0-2.35mm	1.8mm	3.7mm	3.45mm	6.0mm
Locking	Friction	Friction	Latches	Latches	Latches	Friction	Friction	Friction	Friction
Durability	20 cycles	30 cycles	50 cycles	30 cycles	50 cycles	50 cycles	50 cycles	50 cycles	100 cycles
Current Rating	0.2A	0.3A	0.8A	0.5A	1.0A	1.0A	1.0A	1.0A	3.0A
Voltage Rating	50V	50V	200V	200V	200V	200V	200V	200V	500V
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.	Multiple terminal lengths available.	Thru-hole. Extremely low cost. Vertical mount available.