



Board-to-Cable Connectors

Series	FI-J	FI-JH	FI-R	FI-X	FI-E	FI (single row)	FI (dual row)	IL-Z	IL-G
Photo									
Pitch	0.4mm	0.4mm	0.5mm	1.0mm	1.0mm	1.25mm	1.25mm	1.25mm	2.5mm
Discrete Wire AWG	N/A	N/A	#30,32,36	#30,32,36	#30,32,36	#28,30,32	#28,30,32	#28,30,32	#22,24,26,28
Coax AWG	#42,44	#42-46	#40	#32,40	#40	N/A	N/A	N/A	N/A
FPC/FFC	N/A	N/A	FFC (JF04)	0.14±0.03mm	N/A	0.14±0.03mm	N/A	N/A	N/A
Pin Count	20,25,30,35,40	30,35,40	21,31,41,51	30	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	1.58mm	1.0mm	3.8mm	1.0-2.35mm	3.2mm	1.8mm	3.7mm	3.45mm	6.0mm
Locking	N/A	N/A	Latches	Latches	Latches	N/A	N/A	N/A	N/A
Durability	30 cycles	30 cycles	50 cycles	50 cycles	50 cycles	50 cycles	50 cycles	50 cycles	100 cycles
Current Rating	0.3A	0.3A	0.8A	1.0A	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.	Horizontal mating. Low profile.	VESA standard for LCD interface of HD TV. Vertical avail.	VESA standard for 1.0mm pitch LVDS.	Large mating guide for easy operation.	Single row for low profile.	Dual row for smaller footprint.	Multiple terminal lengths available.	Thru-hole. Extremely low cost. Vertical mount available.



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

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

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

Receptacle: **FI - JH##S - HF10**

Cable Plug: **FI - JH##C - B**

Plug Shell: **FI - JH##C - CSH1 - 10000**
Only orderable in reels

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

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 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 - X_30S _ L - HF**

B: Mid mount R: Reverse
S: Stronger shell

Cable Plug: **FI - X30H _**

H: Discrete wire crimp L: Locking latches
HL: Crimp, Lock
C, C2: Fine-wire coaxial
MA1, FR: FPC/FFC

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

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 - W##P - HFE** Right-angle
FI - TWE##P - VF Vertical

B: Positioning Boss

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

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

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

1: 0.6mm 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**

Receptacle: **FI - E##S**

Cable Plug: **FI - E##C**

H: Discrete wire crimp
HL: Crimp, Lock
C, C2: Fine-wire coaxial

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

For cable side accessories, visit our website

Vertical Recep: **IL - G - ##P - S3T2 - SA**
R/A Recep: **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**

blank: AWG#28-26
B: AWG#26-24
C: AWG#24-22
D: AWG#20

Semi-Auto: **3502-ILG-2**

Other Product Offerings

Board-to-Board



Input/Output



Board-to-Flex



Card



Circular



Transportation

