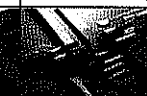
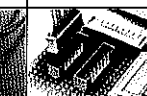


Board-to-Cable Connectors

Series	FI-J	FI-R	FI-X	FI-E	FI-S	FI-W	IL-Z	IL-S	IL-G
Photo									
Pitch	0.4mm	0.5mm	1.0mm	1.0mm	1.25mm	1.25mm	1.25mm	2.0mm	2.5mm
Wire AWG	N/A	#30,32,36	#30,32,36	#30,32,36	#28,30,32	#28,30,32	#28,30,32	#24,26,28	#22,24,26,28
Coax	AWG#42,44	AWG#40,42	AWG#32,40	AWG#32,40	N/A	N/A	N/A	N/A	N/A
FPC/FFC	N/A	FFC (JF04)	0.14±0.03mm	FFC (JF04)	0.14±0.03mm	0.14±0.03mm	N/A	N/A	N/A
Pin Count	20,25,30,35,40	21,31,41,51	20,30	14,17,30	2-6,8,10,15,20,25,30,35,40,44,50	5,7,9,11,13,15,17,19,21,31,35,41	2-15	2-15	2-15
R/A Height	1.58mm	3.8mm	1.0mm	3.2mm	2.11mm	3.7mm	3.45mm	4.5mm	6.0mm
Locking	N/A	Latches	Latches	Latches	N/A	N/A	Friction	Friction	Friction
Durability	30 cycles	50 cycles	50 cycles	50 cycles	50 cycles	50 cycles	50 cycles	50 cycles	100 cycles
Current Rating	0.3A	0.8A	1.0A	1.0A	1.0A	1.0A	1.0A	3.0A	3.0A
Voltage Rating	50V	200V	200V	200V	200V	200V	200V	300VAC/ 400VDC	Ø35.9mm
Features	Smallest footprint in 0.4mm market	Only major mfg for 0.5mm LVDS. Vertical available	VESA std for 1.0mm LVDS	Only major mfg for 1.0mm LVDS	Single row. Vertical available	Dual row 0.625mm Staggered. Vertical available	Thru-hole or SMT. Vertical available	Thru-hole. Vertical available	Thru-hole. Extremely low cost. Vertical available



Board-to-Board



Input/Output



Board-to-Flex



Memory Card



Circular



Automotive

Receptacle: **FI - J##S - VF15N**Cable Plug: **FI - J##C5**Plug Shell: **FI - J##C2 - SH - D - 10000**

Reels only

Receptacle: **FI - R_ ##S - VF**E: EMI Shell ☐Cable Plug: **FI - R_ ##H**E: EMI Shell ☐L: Locking latches ☐H: Discrete wire crimp ☐C: Fine-wire coaxial ☐Crimp Contacts: **FI-RC3-1A-1E-15000****FI-RC3-1B-1E-15000**Hand Crimp Tool: **CT150-4C-FIR**Semi-auto: **350-FI-2B**Receptacle: **FI - X##S_ - HF - NPB**L: Lock ☐

Bottom mount

SL: Stronger Lock

receptacle also available

Cable Plug: **FI - X##H -**H: Discrete wire crimp ☐L: Locking latches ☐

HL: Crimp, Lock

C, C2: Fine-wire coaxial

C2L: Coaxial, Lock

MA1: FPC/FFC

Crimp Contacts: **FI-XC3-1-15000**Hand Crimp Tool: **CT150-4C-FIX**Semi-auto: **350-FI-2B**Receptacle: **FI - E##S**Cable Plug: **FI - E##C**

H: Discrete wire crimp

HL: Crimp, Lock

C, C2: Fine-wire coaxial

Crimp Contacts: **FI-XC3-1-15000**Hand Crimp Tool: **CT150-4C-FIX**Semi-Auto: **350-FI-2B**

For cable side accessories, visit our website

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** VerticalB: Positioning Boss ☐Cable Plug: **FI - W_ ##S**E: EMI Shell ☐

S: Discrete wire crimp

MA1: FPC/FFC R/A

MVA1: FPC/FFC Vert.

Crimp Contacts: **FI-C3-A1-15000**Hand Crimp Tool: **CT150-4C-FI**Semi-Auto: **350-FI-2B**SMT Receptacle: **IL - Z - ##PL - SMTYE**T/H Vert Recep: **IL - Z - ##P - S125T3 - E**T/H R/A Recep: **IL - Z - ##P - S125L3 - E**Cable Plug: **IL - Z - ##S - S125C3**Crimp Contacts: **IL - Z-C3-A-15000**Hand Crimp Tool: **CT150-4C-ILZ**Semi-Auto: **350-ILZ-2**Vertical Recep: **IL - S - ##P - S2T2 - EF**R/A Recep: **IL - S - ##P - S2L2 - EF**Cable Plug: **IL - S - ##S - S2C2**Crimp Contacts: **IL-S-C2-10000**Hand Crimp Tool: **CT150-4-ILS**Semi-Auto: **350-ILS-2**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-SA-10000**Hand Crimp Tool: **CT150-1_ILG**☐ blank: AWG#28-26

B: AWG#26-24

C: AWG#24-22

D: AWG#20

Semi-Auto: **350-ILG-2**