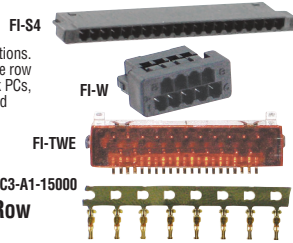


FI Series Connectors

The FI Series connectors are designed for board-to-cable applications. High-density 1.25 mm (0.049") contact spacing SMT single and double row shielded and unshielded versions available. They are used in notebook PCs, VCRs, mobile phones, and other consumer applications, where reduced space is a requirement.

- ▶ Socket Housing Available with or without a Shield
- ▶ Dependable Pin-Type Double Contacts
- ▶ Friction Lock Housing Enables Secure Connections



Board Side Receptacle, Right Angle, Single Row

- ▶ Standard Mount, Shielded

Stock No.	Mfr.'s Type	No. of Contacts	EACH		
			1-9	10-24	25-49
367-0099	FI-S4P-HFE	4	1.20	—	—
367-0101	FI-S5P-HFE	5	1.20	—	—
367-0103	FI-S6P-HFE	6	1.20	—	—
367-0105	FI-S8P-HFE	8	1.40	—	—
367-0091	FI-S15P-HFE	15	2.47	2.25	2.07
367-0409	FI-S20P-HFE	20	2.89	2.64	2.42
367-0108	FI-SE20P-HFE	20	4.09	3.71	3.41
367-0095	FI-S25P-HFE	25	3.40	3.09	2.83
367-0097	FI-S30P-HFE	30	3.68	3.35	3.07

Board Side Receptacle, Right Angle, Single Row

- ▶ Reverse Mount, Shielded

367-0110	FI-SEB20P-HFE	20	9.17	8.33	7.64
367-0109	FI-SEB20P-HF13E	20	9.32	8.48	7.77

Board Side Receptacle, Right Angle, Double Row

- ▶ Unshielded

367-0113	FI-W15P-HFE	15	3.19	2.92	2.66
367-0115	FI-W17P-HFE	17	2.38	—	—
367-0117	FI-W21P-HFE	21	2.85	—	—
367-0119	FI-W31P-HFE	31	5.44	4.95	4.52
367-0121	FI-W41P-HFE	41	6.46	5.88	5.39

Board Side Receptacle, Right Angle, Double Row

- ▶ Shielded

367-0123	FI-WE21P-HFE	21	6.43	—	—
367-0124	FI-WE31P-HFE	31	6.70	—	—
367-0125	FI-WE41P-HFE	41	11.18	10.16	9.32

Board Side Receptacle, Straight, Double Row

- ▶ Shielded

367-0111	FI-TWE21P-VF-E1400	21	4.11	—	—
367-0112	FI-TWE31PB-VF	31	12.53	11.39	10.45

Cable Side Plug, Single Row

- ▶ Discrete Wire Unshielded

367-0100	FI-S4S	4	.61	.56	.51
367-0102	FI-S5S	5	.77	.71	.65
367-0104	FI-S6S	6	.54	—	—
367-0106	FI-S8S	8	.64	—	—
367-0092	FI-S15S	15	.93	.84	.77
367-0094	FI-S20S	20	1.10	.99	.92
367-0096	FI-S25S	25	1.24	1.12	1.04
367-0098	FI-S30S	30	1.40	1.28	1.17

Cable Side Plug, Single Row

- ▶ Standard Shielded

367-0107	FI-SE20ME	20	5.86	5.34	4.88
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Cable Side Plug, Double Row

- ▶ Discrete Wire Shielded

367-0114	FI-W15S	15	.93	.84	.77
367-0116	FI-W17S	17	1.09	.98	.91
367-0118	FI-W21S	21	.86	—	—
367-0120	FI-W31S	31	1.40	1.28	1.17
367-0122	FI-W41S	41	1.56	1.41	1.30

Cable Side Contacts

- ▶ Standard Shielded

Stock No.	Mfr.'s Type	Description	EACH		
			1-99	100-499	500-999
367-0072	FI-C3-A1-15000	Cable Side Contacts Sockets (Gold over Nickel)	.16	.15	.11

Tooling

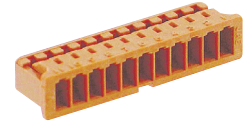
Stock No.	Mfr.'s Type	Description	EACH
367-0017	CT150-4C-FI	Handtool for the FI Series	1003.71



IL-Z Series Connectors — 1.25 mm (0.049") Contact Spacing, PCB-to-Cable (Crimp Type), Single Row



The IL-Z Series connectors are designed for board-to-cable applications. High density 1.25 mm (0.049") contact spacing (single row), 5.2 mm (0.205") high when mated vertically. Low-profile design includes board mounted pin headers (straight and right angle) and wire terminated socket housings (with crimp socket contacts).



- ▶ Crimp Type for Efficient Wire Termination
- ▶ High Reliability Socket Contacts

PIN Header (Surface Mount Type) Right Angle

Stock No.	Mfr.'s Type	No. of Contacts	EACH		
			1-9	10-24	25-49
367-0184	IL-Z-2PL-SMTYE	2	.21	—	—
367-0188	IL-Z-3PL-SMTYE	3	.34	.30	.28
367-0192	IL-Z-4PL-SMTYE	4	.23	—	—
367-0197	IL-Z-5PL-SMTYE	5	.28	—	—
367-0201	IL-Z-6PL-SMTYE	6	.44	.39	.36
367-0205	IL-Z-7PL-SMTYE	7	.46	.41	.38
367-0209	IL-Z-8PL-SMTYE	8	.32	—	—
367-0213	IL-Z-9PL-SMTYE	9	.48	.44	.40
367-0164	IL-Z-11PL-SMTYE	11	.35	—	—
367-0168	IL-Z-12PL-SMTYE	12	.37	—	—

Socket Housing (Crimp Contact)

367-0187	IL-Z-2S-S125C3	2	.05	—	—
367-0191	IL-Z-3S-S125C3	3	.09	.08	.07
367-0196	IL-Z-4S-S125C3	4	.05	—	—
367-0200	IL-Z-5S-S125C3	5	.09	.08	.07
367-0204	IL-Z-6S-S125C3	6	.04	—	—
367-0208	IL-Z-7S-S125C3	7	.08	—	—
367-0212	IL-Z-8S-S125C3	8	.14	.13	.11
367-0216	IL-Z-9S-S125C3	9	.08	—	—
367-0163	IL-Z-10S-S125C3	10	.08	—	—
367-0167	IL-Z-11S-S125C3	11	.09	—	—
367-0171	IL-Z-12S-S125C3	12	.09	—	—

Contacts for Socket Housing

- ▶ Standard Shielded

Stock No.	Mfr.'s Type	Description	EACH		
			1-99	100-499	500-999
367-0217	IL-Z-C3-A-15000	Contacts for IL-Z Series (Socket) Tin Plated	.06	.05	.04

Tooling

Stock No.	Mfr.'s Type	Description	EACH
367-0019	CT150-4C-ILZ	Handtool for IL-Z Series	1003.71



JF04 Series and FI-R Receptacle

JF04 Series — Flat-Flex Cable Plug Assemblies for High Speed Signal



- ▶ High Speed FCC Serial Transmission Assembly
- ▶ LVDS and TMD5 Compatible
- ▶ Electrically Designed for High Speed Signals (Impedance and EMI Control)
- ▶ Mechanically Designed for Strength and Ease of Use (Strong Latch for Stationary or Portable Equipment)
- ▶ Flexible and Bendable for Easy Routing
- ▶ Electrical Performance for High Resolution, High Speed Data
- ▶ Specified Connector for VESA TV Panel Standards



Stock No.	Mfr.'s Type	No. of Contacts	Length (cm)	EACH		
				1-9	10-24	25-49
367-0462	JF04R0R041025AA	41	25	13.44	12.32	11.37
367-0463	JF04R0R041035AA	41	35	14.35	13.16	12.15
367-0464	JF04R0R051025AA	51	25	14.35	13.16	12.15
367-0465	JF04R0R051035AA	51	35	16.26	14.91	13.76

FI-R Receptacle (Mates with the JF04 Series)

- ▶ PCB-to-Cable Receptacles
- ▶ LCD Compatible



Stock No.	Mfr.'s Type	No. of Contacts	Angle	EACH		
				1-9	10-24	25-49
367-0086	FI-RE41S-HF	41	Right Vertical	4.33	3.94	3.62
367-0087	FI-RE41S-VF	41	Right Vertical	4.33	3.94	3.62
367-0089	FI-RE51S-HF	51	Right Vertical	3.63	—	—
367-0090	FI-RE51S-VF	51	Right Vertical	5.19	4.72	4.33