

Features: • Small and space saving design. Double-row contact arrangement at mating face. Single-row SMT lead design. • Equal length transmission lines. • Enhanced grounding and robust design by metal shell
Applications: • LCD TV, LCD panel, PDP, digital devices
Specifications: • Current Rating: 0.5A • Contact Mating Area: Gold plating • Contact Spacing: 1mm • Operating Temperature Range: -40°C ~ 85°C • UL94V-0

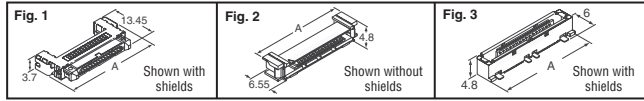


Fig.	No. of Pins	Dim. A (mm)	Digi-Key Part No.	Cut Tape Price Each			Tape and Reel Qty.	T & R Pricng 1,000	Hirose Part No.	
				1	25	100				
Plug										
1	21	24.8	H11434-ND	.61	.44	.36	—	—	FX15M-21P-C	
	31	29.8	H11436-ND	.72	.52	.43	—	—	FX15M-31P-C	
	27	27	H11425-ND†	1.77	1.37	1.09	—	—	FX15-31P-C	
	31	27	H11428-ND†	1.72	1.33	1.06	—	—	FX15S-31P-C	
	41	32	H11430-ND†	1.84	1.42	1.14	—	—	FX15S-41P-C	
51	37	H11432-ND†	1.94	1.49	1.20	—	—	FX15S-51P-C		
Receptacle - Right Angle										
2	21	22.4	H11435CT-ND	1.35	.98	.81	1,000	473.35	FX15M-21S-0.5SH	
	31	27.4	H11427CT-ND	1.39	1.08	.86	1,000	569.91	FX15M-31S-0.5SH	
	31	27.4	H11429CT-ND†	1.87	1.44	1.15	1,000	763.03	FX15S-31S-0.5SH	
	41	32.4	H11431CT-ND†	2.08	1.60	1.28	1,000	849.42	FX15S-41S-0.5SH	
	51	37.4	H11433CT-ND†	2.32	1.78	1.43	1,000	945.98	FX15S-51S-0.5SH	
Receptacle - Vertical										
3	31	25.7	H11426CT-ND†	2.00	1.55	1.24	1,000	821.11	FX15-31S-0.5SV	
Plug Crimp Contacts										
30-32AWG Gold Plating				H11424CT-ND	—	—	.05	20,000	19.61/M	FX15-3032PCFA

† For Tape and Reel part numbers, change CT-ND to TR-ND. † With shields

DF19 Series Connectors 1mm Pitch

Features: • Ultra Low Profile; FPC type: Maximum 1.7mm thick; Discrete wire and coaxial 1.5mm thick
Applications: • LCD's, notebook personal computers, small OA machines, and small consumer products
Specifications: • Current Rating: AWG#28: 1A, AWG#30: 0.9A, AWG#32: 0.6A, FPC: 0.5A • Voltage Rating: AC100V • Operating Temperature: -35°C ~ 85°C • Operating Humidity Range: 20% ~ 80% • Insulation Resistance: 500MΩ or more • Voltage Proof: No flashover or breakdown • Contact Resistance: 30mΩ or less (50mΩ or less for FPC) **Material:** • Pin Header: Insulation: Polyamide resin, beige, UL94V-0; Terminal: Phosphor bronze, gold plated; Ground Plate: Phosphor bronze, tin-copper plated • Socket: Insulation: Polyamide resin, beige; Ground Plate: Stainless steel tin-copper plated • Crimp Contact: Terminal: Phosphor bronze, gold plated • FPC Socket: Insulation: Polyamide resin, beige, UL94V-0; Terminal: Phosphor bronze, gold plated • Ground Plate for FPC: Stainless steel, tin-copper plated • Socket for micro-coaxial cables: Insulation: LCP resin, beige, UL94V-0; Terminal: Phosphor bronze, gold plated; Ground Plate: Phosphor bronze, tin plated • Ground plate for micro-coaxial cables: Phosphor bronze, tin plated • Recommended Wire: UL1571 • Tinning is Whisker free

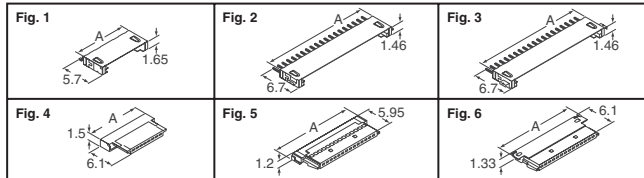


Fig.	No. of Pins	Dim. A (mm)	Digi-Key Part No.	Cut Tape Pricing			T & R Pricng 1,000	Hirose Part No.
				1	10	100		
Right Angle Pin Header SMT On-Board Type								
1	8	11.55	H3119CT-ND	3.06	25.26	189.49	1368.51	DF19G-8P-1H(59)
RoHS Compliant								
1	8	11.55	H10745CT-ND	3.18	26.31	197.33	1425.14	DF19G-8P-1H(56)
	14	17.55	H10746CT-ND	3.37	27.88	209.09	1510.08	DF19G-14P-1H(56)
	20	23.55	H10747CT-ND	4.19	34.67	260.05	1878.16	DF19G-20P-1H(56)
	30	33.55	H10748CT-ND	4.93	40.77	305.79	2208.49	DF19G-30P-1H(56)
Right Angle Pin Header SMT Offset Type								
2	20	23.55	H3125CT-ND	4.04	33.45	250.91	—	DF19K-20P-1H(59)
	30	33.55	H3126CT-ND	4.76	39.38	295.34	—	DF19K-30P-1H(59)
	14	17.55	H3153CT-ND	3.62	29.97	224.77	1623.34	DF19L-14P-1H(59)
	20	23.55	H3129CT-ND	4.04	33.45	250.91	—	DF19L-20P-1H(59)
30	33.55	H3130CT-ND	4.76	39.38	295.34	—	DF19L-30P-1H(59)	
RoHS Compliant								
2	20	23.55	H10749CT-ND	4.19	34.67	260.05	1878.16	DF19K-20P-1H(56)
	30	33.55	H10750CT-ND	4.93	40.77	305.79	2208.49	DF19K-30P-1H(56)
	14	17.55	H10751CT-ND	3.77	31.19	233.92	1689.40	DF19L-14P-1H(56)
	20	23.55	H10752CT-ND	4.19	34.67	260.05	1878.16	DF19L-20P-1H(56)
30	33.55	H10753CT-ND	4.93	40.77	305.79	2208.49	DF19L-30P-1H(56)	
Right Angle Pin Header SMT Reverse Offset Type								
3	14	17.55	H3127CT-ND	3.62	29.97	224.77	—	DF19KR-14P-1H(59)
	20	23.55	H3128CT-ND	4.04	33.45	250.91	—	DF19KR-20P-1H(59)
RoHS Compliant								
3	14	17.55	H10754CT-ND	3.77	31.19	233.92	1689.40	DF19KR-14P-1H(56)
	20	23.55	H10755CT-ND	4.19	34.67	260.05	1878.16	DF19KR-20P-1H(56)
Single Row Socket Discrete Wire								
4	20	23.50	H3107-ND	1.04	8.44	61.26	—	DF19G-20S-1C
RoHS Compliant								
4	8	11.50	H3101-ND	.38	2.40	13.79	—	DF19-8S-1C
	8	11.50	H10756-ND	.66	5.40	39.20	—	DF19G-8S-1C(05)
	14	17.50	H3102-ND	.40	2.77	18.60	—	DF19-14S-1C
	14	17.50	H10757-ND	.86	6.98	50.64	—	DF19G-14S-1C(05)
	20	23.50	H3103-ND	.42	3.44	25.00	—	DF19-20S-1C
	20	23.50	H10758-ND	1.07	8.78	63.71	—	DF19G-20S-1C(05)

Fig.	No. of Pins	Dim. A (mm)	Digi-Key Part No.	Cut Tape Pricing			T & R Pricng 1,000	Hirose Part No.
				1	10	100		
4	30	33.50	H3104-ND	.61	4.95	35.94	—	DF19-30S-1C
			H10759-ND	1.21	10.00	74.05	—	DF19G-30S-1C(05)
Single Row Socket for FPC Cable - RoHS Compliant								
5	14	17.50	H10760-ND	1.25	10.39	76.96	—	DF19G-14S-1F(05)
			H10761-ND	1.58	13.13	97.28	—	DF19G-20S-1F(05)
			H10762-ND	1.94	16.07	119.06	—	DF19G-30S-1F(05)
Single Row Socket Fine Coaxial Cable								
6	14	17.50	H3115-ND	1.47	12.15	90.02	—	DF19G-14S-1SD
RoHS Compliant								
6	14	17.50	H10763-ND	1.53	12.74	94.38	—	DF19G-14S-1SD(05)
			H10764-ND	1.82	15.09	111.80	—	DF19G-20S-1SD(05)

† For Tape and Reel part number, change CT-ND to TR-ND.

Ground Plates

No. of Pins	Digi-Key Part No.	Pricing			Hirose Part No.
		1	10	100	
Ground Plate for FPC Type					
14	H10765-ND	.52	4.28	31.04	DF19G-14S-1F-GND(05)
20	H10766-ND	.55	4.50	32.67	DF19G-20S-1F-GND(05)
30	H10767-ND	.55	4.50	32.67	DF19G-30S-1F-GND(05)
Ground Plate for Coaxial Type					
14	H3117-ND	.40	2.77	18.60	DF19G-14S-1SD-GND
20	H3118-ND	.46	3.25	21.84	DF19G-20S-1SD-GND

Socket Crimping Contacts

Description	Digi-Key Part No.	Cut Tape Pricing			T & R Pricng 10,000	Hirose Part No.
		100	500	1,000		
DF19 Series - RoHS Compliant						
28-30AWG Gold Plating	H3151CT-ND	5.18	17.53	26.72	H3151TR-ND	21.06/M
30-32AWG Gold Plating	H3132CT-ND	5.18	17.53	26.72	H3132TR-ND	21.06/M
Tools						
Manual Crimper for DF19 Series	H3131-ND	—	—	1147.66/1	—	HT302/DF19S
Desk-Top Tool (for 14 core wires)	H3122-ND	—	—	1752.64/1	—	DF19G-14S/PR-MD2
Desk-Top Tool (for 20 core wires)	H3123-ND	—	—	1813.98/1	—	DF19G-20S/PR-MD2
Desk-Top Tool (for 30 core wires)	H3124-ND	—	—	2126.38/1	—	DF19G-30S/PR-MD2

DF20 Series Connectors 1mm Pitch

Features: • Contact pitch: 1mm allows reliable solder and cable termination • Low Profile: Total mating height above the board is 5.8mm for the straight type and 5.5mm for right angle type **Applications:** Notebook PC, small office automation equipment, small consumer devices, portable devices. Any application requiring low profile reliable board-to-cable connection with a AWG# 28, AWG# 30, AWG# 32 conductors **Specifications:** • Current Rating: AWG#28: 1A, AWG#30: 0.9A, AWG#32: 0.7A • Voltage Rating: AC100V • Operating Temperature: -35°C ~ 85°C • Humidity Range: 20% ~ 80% • Insulation Resistance: 500MΩ minimum • Contact Resistance: 30mΩ maximum • Mechanical Operation: Contact Resistance of 30mΩ maximum **Material:** • Socket Insulator/Pin Header Insulator: Polyamide, beige, UL94V-0 • Socket Contact/Pin Header Contact: Phosphor bronze, gold plated • Pin Header Metal Fitting: Brass • V Type: Solder plating • H Type: Tin copper plating (Pb free)

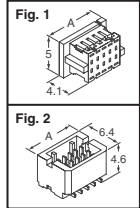


Fig.	No. of Pins	Dim. A (mm)	Digi-Key Part No.	Cut Tape Pricing			T & R Pricng 1,000	Hirose Part No.
				1	10	100		
Double Row Socket - RoHS Compliant								
1	10	7.20	H3143-ND	.30	2.11	14.16	—	DF20A-10DS-1C
	20	12.20	H3144-ND	.35	2.42	16.21	—	DF20A-20DS-1C
	30	17.20	H3145-ND	.39	2.72	18.26	—	DF20A-30DS-1C
	40	22.20	H3146-ND	.43	3.00	20.13	—	DF20A-40DS-1C
	50	27.20	H3147-ND	.46	3.23	21.67	—	DF20A-50DS-1C
Double Row Straight Pin Header								
2	30	17.30	H3135CT-ND†	1.47	12.27	90.90	—	DF20F-30DP-1V(59)
	30	17.30	H3140CT-ND★	1.47	12.27	90.90	—	DF20G-30DP-1V(59)
	40	22.30	H3141CT-ND★	1.79	14.88	110.21	—	DF20G-40DP-1V(59)
	50	27.30	H3142CT-ND★	2.09	17.39	128.79	—	DF20G-50DP-1V(59)
RoHS Compliant								
2	10	7.30	H10726CT-ND†	1.13	9.23	66.97	395.67	DF20F-10DP-1V(56)
	20	12.30	H10727CT-ND†	1.28	10.59	78.41	521.27	DF20F-20DP-1V(56)
	30	17.30	H10728CT-ND†	1.60	13.33	98.74	656.30	DF20F-30DP-1V(56)
	40	22.30	H10729CT-ND†	1.98	16.47	121.97	810.94	DF20F-40DP-1V(56)
	50	27.30	H10730CT-ND†	2.32	19.21	142.30	945.98	DF20F-50DP-1V(56)
	10	7.30	H10731CT-ND★	1.13	9.23	66.97	395.67	DF20G-10DP-1V(56)
	20	12.30	H10732CT-ND★	1.28	10.59	78.41	521.27	DF20G-20DP-1V(56)
	30	17.30	H10733CT-ND★	1.60	13.33	98.74	656.30	DF20G-30DP-1V(56)
	40	22.30	H10734CT-ND★	1.98	16.47	121.97	810.94	DF20G-40DP-1V(56)
	50	27.30	H10735CT-ND★	2.32	19.21	142.30	945.98	DF20G-50DP-1V(56)

★ With Boss † For Tape and Reel part number, change CT-ND to TR-ND.

Socket Crimping Contacts

Description	Digi-Key Part No.	Cut Tape Pricing			T & R Pricng 10,000	Hirose Part No.
		100	500	1,000		
DF20 Series - RoHS Compliant						
28-30AWG Gold Plating	H3148CT-ND	4.05	13.72	20.91	H3148TR-ND	16.70/M
30-32AWG Gold Plating	H3149CT-ND	4.05	13.72	20.91	H3149TR-ND	16.70/M
Tools						
Manual Crimper for DF20 Series	H3150-ND	—	—	1147.66/1	—	HT302/DF20B-2830S

Digi-Reel® Most SMT cutdown parts are available on a Digi-Reel®. For Digi-Reel part number, change 1-ND to 6-ND or CT-ND to DKR-ND. See Digi-Key® Services on page 2 for additional information.

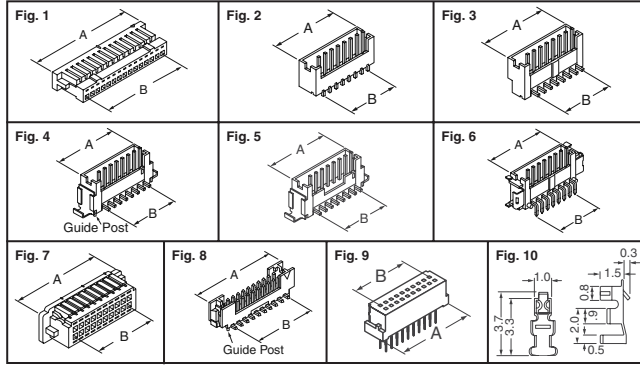
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DF13 Series Connectors
1.25mm Pitch

DF13 Series is 1.25mm pitch, compact "PCB-to-Wire" Nylon Connectors best suited for high density applications requiring reduced cost production, and light-weight. **Electrical Specifications:** • Current Capacity: 1A • Rated Voltage: AC150V • Insulation Resistance: Condition: DC100, Standard Value: Min. 500MΩ • Withstanding Voltage: Condition: At specified value, Standard Value: AC500V. • Contact Resistance: Condition: At DC 0.1A, Standard Value: Maximum 30mΩ. Material and Finish: • Pin Header Insulator: Polyimide resin, beige, UL94V-0. • Pin Header Contact: Brass, tin plating and gold plating. • Pin Header Hardware: Brass, tin plating and gold plating. • Crimp Socket Insulator: Polyimide resin, beige, UL94V-0. • Crimp Socket Contact: Phosphor bronze, tin plating and gold plating.

A



No. of Pins	Dimensions (mm) A B	Digi-Key Part No.	1	Pricing 25 100	Hirose Part No.
Fig. 1 — Single Row Crimp Socket — RoHS Compliant					
2	4.15 1.25	H2179-ND	.21	2.18 5.40	DF13-2S-1.25C
3	5.40 2.50	H2180-ND	.17	1.84 5.19	DF13-3S-1.25C
4	6.65 3.75	H2181-ND	.20	2.43 7.26	DF13-4S-1.25C
5	7.90 5.00	H2182-ND	.21	2.56 7.62	DF13-5S-1.25C
6	9.15 6.25	H2183-ND	.23	2.69 7.99	DF13-6S-1.25C
7	10.40 7.50	H2184-ND	.23	2.74 8.17	DF13-7S-1.25C
8	11.65 8.75	H2185-ND	.26	4.25 12.71	DF13-8S-1.25C
9	12.90 10.00	H3300-ND	.30	4.41 13.82	DF13-9S-1.25C
10	14.15 11.25	H2186-ND	.38	4.50 13.43	DF13-10S-1.25C
11	15.40 12.50	H2187-ND	.40	4.81 14.34	DF13-11S-1.25C
12	16.65 13.75	H2188-ND	.30	4.41 13.82	DF13-12S-1.25C
13	17.90 15.00	H3301-ND	.40	4.81 14.34	DF13-13S-1.25C
14	19.15 16.25	H2189-ND	.36	5.34 16.72	DF13-14S-1.25C
15	20.40 17.50	H2259-ND	.38	4.62 13.79	DF13-15S-1.25C
Fig. 2 — Single Row, Vertical Pin Header — Tin Plating — RoHS Compliant					
2	4.15 1.25	H2191-ND	.36	4.32 12.89	DF13-2P-1.25DSA
3	5.40 2.50	H2192-ND	.31	4.63 14.51	DF13-3P-1.25DSA
4	6.65 3.75	H2193-ND	.41	6.05 18.94	DF13-4P-1.25DSA
5	7.90 5.00	H2194-ND	.46	6.86 21.50	DF13-5P-1.25DSA
6	9.15 6.25	H2195-ND	.52	7.68 24.06	DF13-6P-1.25DSA
7	10.40 7.50	H2196-ND	.43	7.79 25.48	DF13-7P-1.25DSA
8	11.65 8.75	H2197-ND	.55	9.98 32.67	DF13-8P-1.25DSA
9	12.90 10.00	H3302-ND	.80	14.48 47.37	DF13-9P-1.25DSA(20)
10	14.15 11.25	H2198-ND	.63	11.48 37.57	DF13-10P-1.25DSA
11	15.40 12.50	H3303-ND	.89	15.97 52.27	DF13-11P-1.25DSA(20)
12	16.65 13.75	H2320-ND	.66	11.98 39.20	DF13-12P-1.25DSA
13	17.90 15.00	H3304-ND	.97	17.47 57.17	DF13-13P-1.25DSA(20)
14	19.15 16.25	H2321-ND	.75	13.47 44.10	DF13-14P-1.25DSA
15	20.40 17.50	H2322-ND	.77	13.98 45.74	DF13-15P-1.25DSA
Fig. 2 — Single Row, Vertical Pin Header — Gold Plating — RoHS Compliant					
2	4.15 1.25	H3305-ND	.45	8.09 25.46	DF13-2P-1.25DSA(50)
3	5.40 2.50	H3306-ND	.61	10.98 35.94	DF13-3P-1.25DSA(50)
4	6.65 3.75	H3307-ND	.61	10.98 35.94	DF13-4P-1.25DSA(50)
5	7.90 5.00	H3308-ND	.69	12.48 40.84	DF13-5P-1.25DSA(50)
6	9.15 6.25	H3309-ND	.91	16.47 53.91	DF13-6P-1.25DSA(50)
7	10.40 7.50	H3310-ND	.80	14.48 47.37	DF13-7P-1.25DSA(50)
8	11.65 8.75	H3311-ND	.97	17.47 57.17	DF13-8P-1.25DSA(50)
9	12.90 10.00	H3312-ND	.97	17.47 57.17	DF13-9P-1.25DSA(50)
10	14.15 11.25	H3313-ND	1.10	19.97 65.34	DF13-10P-1.25DSA(50)
11	15.40 12.50	H3314-ND	1.13	20.47 66.97	DF13-11P-1.25DSA(50)
12	16.65 13.75	H3315-ND	1.39	26.77 85.67	DF13-12P-1.25DSA(50)
14	19.15 16.25	H3316-ND	1.30	23.46 76.77	DF13-14P-1.25DSA(50)
15	20.40 17.50	H3317-ND	1.18	22.69 72.60	DF13-15P-1.25DSA(50)
Fig. 3 — Single Row, Right Angle Pin Header — Tin Plating — RoHS Compliant					
2	4.15 1.25	H2199-ND	.38	5.61 17.58	DF13-2P-1.25DS(20)
3	5.40 2.50	H2200-ND	.44	6.53 20.47	DF13-3P-1.25DS(20)
4	6.65 3.75	H2201-ND	.54	8.01 25.08	DF13-4P-1.25DS(20)
5	7.90 5.00	H2202-ND	.49	8.78 28.75	DF13-5P-1.25DS(20)
6	9.15 6.25	H2203-ND	.52	9.48 31.04	DF13-6P-1.25DS(20)
7	10.40 7.50	H2204-ND	.61	10.98 35.94	DF13-7P-1.25DS(20)
8	11.65 8.75	H2205-ND	.72	12.98 42.47	DF13-8P-1.25DS(20)
9	12.90 10.00	H3318-ND	.97	17.47 57.17	DF13-9P-1.25DS(20)
10	14.15 11.25	H2206-ND	.86	15.47 50.64	DF13-10P-1.25DS(20)
11	15.40 12.50	H3319-ND	1.13	20.47 66.97	DF13-11P-1.25DS(20)
12	16.65 13.75	H2223-ND	1.21	21.96 71.87	DF13-12P-1.25DS(20)
14	19.15 16.25	H2324-ND	1.02	18.47 60.44	DF13-14P-1.25DS(20)
15	20.40 17.50	H2325-ND	1.25	24.05 76.96	DF13-15P-1.25DS(20)
Fig. 3 — Single Row, Right Angle Pin Header — Gold Plating — RoHS Compliant					
2	4.15 1.25	H3320-ND	.48	7.19 22.52	DF13-2P-1.25DS(50)
3	5.40 2.50	H3321-ND	.45	8.09 26.46	DF13-3P-1.25DS(50)
4	6.65 3.75	H3322-ND	.58	10.48 34.30	DF13-4P-1.25DS(50)
5	7.90 5.00	H3323-ND	.66	11.98 39.20	DF13-5P-1.25DS(50)
6	9.15 6.25	H3324-ND	.72	12.98 42.47	DF13-6P-1.25DS(50)
7	10.40 7.50	H3325-ND	.80	14.48 47.37	DF13-7P-1.25DS(50)
8	11.65 8.75	H3326-ND	.97	17.47 57.17	DF13-8P-1.25DS(50)
9	12.90 10.00	H3327-ND	1.10	19.97 65.34	DF13-9P-1.25DS(50)
10	14.15 11.25	H3328-ND	1.13	20.47 66.97	DF13-10P-1.25DS(50)
11	15.40 12.50	H3329-ND	1.21	21.96 71.87	DF13-11P-1.25DS(50)
12	16.65 13.75	H3330-ND	1.30	23.46 76.77	DF13-12P-1.25DS(50)
14	19.15 16.25	H3331-ND	1.28	24.50 78.41	DF13-14P-1.25DS(50)
15	20.40 17.50	H3332-ND	1.35	24.46 80.04	DF13-15P-1.25DS(50)
Fig. 4 — Single Row, SMT, Vertical Pin Header with Guide Posts — Tin Plating — RoHS Compliant					
2	4.15 1.25	H2207-ND	.43	6.37 19.97	DF13-2P-1.25V(20)

No. of Pins	Dimensions (mm) A B	Digi-Key Part No.	1	Pricing 25 100	Hirose Part No.
3	5.40 2.50	H2208-ND	.48	7.19 22.52	DF13-3P-1.25V(20)
4	6.65 3.75	H2209-ND	.45	8.09 26.46	DF13-4P-1.25V(20)
5	7.90 5.00	H2210-ND	.49	8.78 28.75	DF13-5P-1.25V(20)
6	9.15 6.25	H2211-ND	.52	9.48 31.04	DF13-6P-1.25V(20)
7	10.40 7.50	H2212-ND	.58	10.48 34.30	DF13-7P-1.25V(20)
8	11.65 8.75	H2213-ND	.69	12.48 40.84	DF13-8P-1.25V(20)
9	12.90 10.00	H2214-ND	.72	12.98 42.47	DF13-9P-1.25V(20)
10	14.15 11.25	H2214-ND	.77	13.98 45.74	DF13-10P-1.25V(20)
11	15.40 12.50	H2215-ND	.80	14.48 47.37	DF13-11P-1.25V(20)
12	16.65 13.75	H2216-ND	.86	15.47 50.64	DF13-12P-1.25V(20)
14	19.15 16.25	H2217-ND	.97	17.47 57.17	DF13-14P-1.25V(20)
15	20.40 17.50	H2218-ND	1.05	18.97 62.07	DF13-15P-1.25V(20)
Fig. 4 — Single Row, SMT with Guide Posts, Vertical Pin Header — Gold Plating — RoHS Compliant					
2	4.15 1.25	H3336-ND	.58	10.48 34.30	DF13-2P-1.25V(50)
3	5.40 2.50	H3337-ND	.69	12.48 40.84	DF13-3P-1.25V(50)
4	6.65 3.75	H3338-ND	.86	15.47 50.64	DF13-4P-1.25V(50)
5	7.90 5.00	H3339-ND	.94	16.97 55.54	DF13-5P-1.25V(50)
6	9.15 6.25	H3340-ND	1.05	18.97 62.07	DF13-6P-1.25V(50)
7	10.40 7.50	H3341-ND	1.10	19.97 65.34	DF13-7P-1.25V(50)
8	11.65 8.75	H3342-ND	1.27	22.96 75.14	DF13-8P-1.25V(50)
9	12.90 10.00	H3343-ND	1.18	22.69 72.60	DF13-9P-1.25V(50)
10	14.15 11.25	H3344-ND	1.28	24.50 78.41	DF13-10P-1.25V(50)
11	15.40 12.50	H3345-ND	1.28	24.50 78.41	DF13-11P-1.25V(50)
12	16.65 13.75	H3346-ND	1.28	24.50 78.41	DF13-12P-1.25V(50)
14	19.15 16.25	H3347-ND	1.56	29.95 95.83	DF13-14P-1.25V(50)
15	20.40 17.50	H3348-ND	1.63	31.31 100.19	DF13-15P-1.25V(50)
Fig. 5 — Single Row, SMT, Vertical Pin Header with Boss — Tin Plating — RoHS Compliant					
2	4.15 1.25	H3393-ND	.43	6.37 19.97	DF13B-2P-1.25V(20)
3	5.40 2.50	H3394-ND	.48	7.19 22.52	DF13B-3P-1.25V(20)
4	6.65 3.75	H3395-ND	.45	8.09 26.46	DF13B-4P-1.25V(20)
5	7.90 5.00	H3396-ND	.49	8.78 28.75	DF13B-5P-1.25V(20)
6	9.15 6.25	H3397-ND	.52	9.48 31.04	DF13B-6P-1.25V(20)
7	10.40 7.50	H3398-ND	.58	10.48 34.30	DF13B-7P-1.25V(20)
8	11.65 8.75	H3399-ND	.69	12.48 40.84	DF13B-8P-1.25V(20)
9	12.90 10.00	H3400-ND	.72	12.98 42.47	DF13B-9P-1.25V(20)
10	14.15 11.25	H3401-ND	.77	13.98 45.74	DF13B-10P-1.25V(20)
11	15.40 12.50	H3402-ND	.80	14.48 47.37	DF13B-11P-1.25V(20)
12	16.65 13.75	H3403-ND	.86	15.47 50.64	DF13B-12P-1.25V(20)
14	19.15 16.25	H3404-ND	.97	17.47 57.17	DF13B-14P-1.25V(20)
15	20.40 17.50	H3405-ND	1.05	18.97 62.07	DF13B-15P-1.25V(20)
Fig. 5 — Single Row, SMT, Vertical Pin Header with Boss — Gold Plating — RoHS Compliant					
2	4.15 1.25	H3406-ND	.58	10.48 34.30	DF13B-2P-1.25V(50)
3	5.40 2.50	H3407-ND	.69	12.48 40.84	DF13B-3P-1.25V(50)
4	6.65 3.75	H3408-ND	.86	15.47 50.64	DF13B-4P-1.25V(50)
5	7.90 5.00	H3409-ND	.94	16.97 55.54	DF13B-5P-1.25V(50)
6	9.15 6.25	H3410-ND	1.05	18.97 62.07	DF13B-6P-1.25V(50)
7	10.40 7.50	H3411-ND	1.10	19.97 65.34	DF13B-7P-1.25V(50)
8	11.65 8.75	H3412-ND	1.27	22.96 75.14	DF13B-8P-1.25V(50)
9	12.90 10.00	H3413-ND	1.18	22.69 72.60	DF13B-9P-1.25V(50)
10	14.15 11.25	H3414-ND	1.25	24.05 76.96	DF13B-10P-1.25V(50)
11	15.40 12.50	H3415-ND	1.28	24.50 78.41	DF13B-11P-1.25V(50)
12	16.65 13.75	H3416-ND	1.39	26.77 85.67	DF13B-12P-1.25V(50)
14	19.15 16.25	H3417-ND	1.56	29.95 95.83	DF13B-14P-1.25V(50)
15	20.40 17.50	H3418-ND	1.63	31.31 100.19	DF13B-15P-1.25V(50)
Fig. 5 — Single Row, SMT, Vertical Pin Header without Boss — Tin Plating — RoHS Compliant					
2	4.15 1.25	H3419-ND	.43	6.37 19.97	DF13C-2P-1.25V(20)
3	5.40 2.50	H3420-ND	.48	7.19 22.52	DF13C-3P-1.25V(20)
4	6.65 3.75	H3421-ND	.45	8.09 26.46	DF13C-4P-1.25V(20)
5	7.90 5.00	H3422-ND	.49	8.78 28.75	DF13C-5P-1.25V(20)
6	9.15 6.25	H3423-ND	.52	9.48 31.04	DF13C-6P-1.25V(20)
7	10.40 7.50	H3424-ND	.58	10.48 34.30	DF13C-7P-1.25V(20)
8	11.65 8.75	H3425-ND	.69	12.48 40.84	DF13C-8P-1.25V(20)
9	12.90 10.00	H3426-ND	.72	12.98 42.47	DF13C-9P-1.25V(20)
10	14.15 11.25	H3427-ND	.77	13.98 45.74	DF13C-10P-1.25V(20)
11	15.40 12.50	H3428-ND	.80	14.48 47.37	DF13C-11P-1.25V(20)
12	16.65 13.75	H3429-ND	.86	15.47 50.64	DF13C-12P-1.25V(20)
14	19.15 16.25	H3430-ND	.97	17.47 57.17	DF13C-14P-1.25V(20)
15	20.40 17.50	H3431-ND	1.05	18.97 62.07	DF13C-15P-1.25V(20)
Fig. 5 — Single Row, SMT, Vertical Pin Header without Boss — Gold Plating — RoHS Compliant					
2	4.15 1.25	H3432-ND	.58	10.48 34.30	DF13C-2P-1.25V(50)
3	5.40 2.50	H3433-ND	.69	12.48 40.84	DF13C-3P-1.25V(50)
4	6.65 3.75	H3434-ND	.86	15.47 50.64	DF13C-4P-1.25V(50)
5	7.90 5.00	H3435-ND	.94	16.97 55.54	DF13C-5P-1.25V(50)
6	9.15 6.25	H3436-ND	1.05	18.97 62.07	DF13C-6P-1.25V(50)
7	10.40 7.50	H3437-ND	1.10	19.97 65.34	DF13C-7P-1.25V(50)
8	11.65 8.75	H3438-ND	1.27		



DF13 Series Connectors (Cont.)

1.25mm Pitch

No. of Pins	Dimensions (mm) A B	Digi-Key Part No.	1	Pricing 25 100	Hirose Part No.
11	15.40 12.50	H3359-ND	1.28	24.50 78.41	DF13-11P-1.25H(50)
12	16.65 13.75	H3360-ND	1.39	26.77 85.67	DF13-12P-1.25H(50)
14	19.15 16.25	H3361-ND	1.56	29.95 95.83	DF13-14P-1.25H(50)
15	20.40 17.50	H3362-ND	1.63	31.31 100.19	DF13-15P-1.25H(50)
Fig. 6 — Single Row, SMT, Right Angle Pin Header without Boss — Tin Plating — RoHS Compliant					
2	4.15 1.25	H3367-ND	.43	6.37 19.97	DF13A-2P-1.25H(20)
3	5.40 2.50	H3368-ND	.48	7.19 22.52	DF13A-3P-1.25H(20)
4	6.65 3.75	H3369-ND	.45	8.09 26.46	DF13A-4P-1.25H(20)
5	7.90 5.00	H3370-ND	.49	8.78 28.75	DF13A-5P-1.25H(20)
6	9.15 6.25	H3371-ND	.52	9.48 31.04	DF13A-6P-1.25H(20)
7	10.40 7.50	H3372-ND	.58	10.48 34.30	DF13A-7P-1.25H(20)
8	11.65 8.75	H3373-ND	.69	12.48 40.84	DF13A-8P-1.25H(20)
9	12.90 10.00	H3374-ND	.77	13.98 45.74	DF13A-9P-1.25H(20)
10	14.15 11.25	H3375-ND	.80	14.48 47.37	DF13A-10P-1.25H(20)
11	15.40 12.50	H3376-ND	.88	15.77 50.64	DF13A-11P-1.25H(20)
12	16.65 13.75	H3377-ND	.89	15.97 52.27	DF13A-12P-1.25H(20)
14	19.15 16.25	H3378-ND	1.02	18.47 60.44	DF13A-14P-1.25H(20)
15	20.40 17.50	H3379-ND	1.05	18.97 62.07	DF13A-15P-1.25H(20)
Fig. 6 — Single Row, SMT, Right Angle Pin Header without Boss — Gold Plating — RoHS Compliant					
2	4.15 1.25	H3380-ND	.58	10.48 34.30	DF13A-2P-1.25H(50)
3	5.40 2.50	H3381-ND	.69	12.48 40.84	DF13A-3P-1.25H(50)
4	6.65 3.75	H3382-ND	.86	15.47 50.64	DF13A-4P-1.25H(50)
5	7.90 5.00	H3383-ND	.94	16.97 55.54	DF13A-5P-1.25H(50)
6	9.15 6.25	H3384-ND	1.05	18.97 62.07	DF13A-6P-1.25H(50)
7	10.40 7.50	H3385-ND	1.10	19.97 65.34	DF13A-7P-1.25H(50)
8	11.65 8.75	H3386-ND	1.27	22.96 75.14	DF13A-8P-1.25H(50)
9	12.90 10.00	H3387-ND	1.18	22.69 72.60	DF13A-9P-1.25H(50)
10	14.15 11.25	H3388-ND	1.25	24.57 76.97	DF13A-10P-1.25H(50)
11	15.40 12.50	H3389-ND	1.28	24.50 78.41	DF13A-11P-1.25H(50)
12	16.65 13.75	H3390-ND	1.39	26.77 85.67	DF13A-12P-1.25H(50)
14	19.15 16.25	H3391-ND	1.56	29.95 95.83	DF13A-14P-1.25H(50)
Fig. 7 — Dual Row Crimp Sockets — RoHS Compliant					
10	10.40 5.00	H2231-ND	.25	2.98 8.89	DF13-10DS-1.25C
20	16.65 11.25	H2232-ND	.30	3.59 10.71	DF13-20DS-1.25C
30	22.90 17.50	H2233-ND	.36	4.32 12.89	DF13-30DS-1.25C
40	29.15 23.75	H2234-ND	.29	4.36 13.65	DF13-40DS-1.25C
Fig. 8 — SMT Straight Pin Headers with Guide Posts — Tin Plating					
10	12.1 5.00	H3365-ND†	.69	12.48 40.84	DF13A-10DP-1.25V(20)
Fig. 8 — SMT Straight Pin Headers with Guide Posts — Tin Plating — RoHS Compliant					
10	12.1 5.00	H10155-ND*	.77	13.98 45.74	DF13-10DP-1.25V(25)
20	18.35 11.25	H10156-ND*	1.10	19.97 65.34	DF13-20DP-1.25V(25)
10	12.1 5.00	H10157-ND†	.77	13.98 45.74	DF13A-10DP-1.25V(25)
20	18.35 11.25	H10158-ND†	1.10	19.97 65.34	DF13A-20DP-1.25V(25)
Fig. 8 — SMT Straight Pin Headers with Guide Posts — Gold Plating — RoHS Compliant					
10	12.10 5.00	H10159-ND*	.80	14.48 47.37	DF13-10DP-1.25V(55)
20	18.35 11.25	H10160-ND*	1.21	21.96 71.87	DF13-20DP-1.25V(55)
30	24.60 17.50	H10161-ND*	1.39	26.77 85.67	DF13-30DP-1.25V(55)
40	30.85 23.75	H10162-ND*	1.75	33.58 107.45	DF13-40DP-1.25V(55)
Fig. 8 — SMT Straight Pin Headers without Guide Posts — Gold Plating — RoHS Compliant					
10	12.10 5.00	H10163-ND	.80	14.48 47.37	DF13A-10DP-1.25V(55)
20	18.35 11.25	H10164-ND	1.21	21.96 71.87	DF13A-20DP-1.25V(55)
30	24.60 17.50	H10165-ND	1.39	26.77 85.67	DF13A-30DP-1.25V(55)
40	30.85 23.75	H10166-ND	1.75	33.58 107.45	DF13A-40DP-1.25V(55)
Fig. 9 — Dual Row Receptacles — Gold Plating — RoHS Compliant					
20	15.40 11.25	H10167-ND	2.29	44.02 140.84	DF13-20DS-1.25DSA(55)
40	27.90 23.75	H10168-ND	3.18	61.67 197.33	DF13-40DS-1.25DSA(55)
Fig. 10 — Socket Crimp Contact — RoHS Compliant					
Tin Plating		H9992CT-ND‡		2.48/100	
AWG 26-30		H9992TR-ND‡		101.64/10,000	DF13-2630SCF
Gold Plating		H9991CT-ND‡		5.18/100	
AWG 26-30		H9991TR-ND‡		210.54/10,000	DF13-2630SCFA
Hand Crimp Tools and Die Sets					
Tool with Non-Removable Die		H9994-ND		674.82/1	DF13-TB2630HC
Tool with Die Set		H10889-ND		625.74/1	DF13-TB2630HC/US1
Tool without Die Set		H9926-ND		250.09/1	HRUS-HT-1
Die Set without Tool		H10890-ND		390.09/1	DF13-TB2630HC/US1-DS
Extraction Tool					
Crimp Pin and Socket		H9996-ND		2.19/1	DF-C-PO(B)

* With Boss † Without Boss ‡ Cut Tape ◊ Tape and Reel

DF14 Series Connectors 1.25mm Pitch

Features: • Board mounting height: 2.5mm
• Box structure to prevent twisting and misinsertion
• Metal holddown is attached to prevent the solder peel
Applications: • LCD
• Notebook PC • Mobile terminal small business equipment
• Video camera
Specifications:
• Current Rating: 1A • Voltage Rating: 150VAC
• Operating Temperature Range: -25°C ~ 85°C
• Operating Moisture Range: 40% ~ 80%
• Insulation Resistance: 500MΩ minimum, 100VDC • Withstanding Voltage: 1 minute at rated value, 500VAC (no flashover or insulation breakdown) • Contact Resistance: 100mA, 30mΩ maximum • Operating Life: Contact resistance of 30mΩ maximum (tin plating; 30 cycles and gold plating; 50 cycles)
Material (Socket/ Header): • Insulator: Polyamide, beige, UL94V-0 • Contacts: Socket: Phosphor copper with gold or tin plating; Header: Brass with gold or tin plating • Header Fittings: Phosphor copper with tin plating

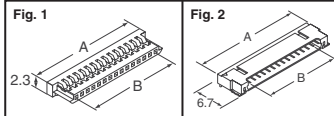


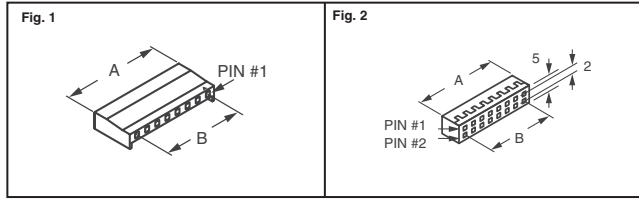
Fig.	No. of Contacts	Dimensions (mm) A B	Digi-Key Part No.	1	Pricing 25 100	Hirose Part No.
Crimping Sockets — RoHS Compliant						
2	4.45 1.25	H1563-ND	.29	4.36 13.65	DF14-2S-1.25C	
3	5.70 2.50	H1564-ND	.30	4.52 14.16	DF14-3S-1.25C	
4	6.95 3.75	H1565-ND	.31	4.68 14.67	DF14-4S-1.25C	
5	8.20 5.00	H1566-ND	.33	4.90 15.35	DF14-5S-1.25C	
6	9.45 6.25	H1567-ND	.34	5.07 15.87	DF14-6S-1.25C	
7	10.70 7.50	H1568-ND	.35	5.23 16.38	DF14-7S-1.25C	
8	11.95 8.75	H1569-ND	.36	5.39 16.89	DF14-8S-1.25C	
9	13.20 10.00	H1570-ND	.37	5.55 17.40	DF14-9S-1.25C	
10	14.45 11.25	H1571-ND	.38	5.72 17.92	DF14-10S-1.25C	
15	20.70 17.50	H1572-ND	.41	6.16 19.28	DF14-15S-1.25C	
20	26.95 23.75	H1573-ND	.46	6.86 21.50	DF14-20S-1.25C	
25	33.20 30.00	H1574-ND	.51	7.57 23.72	DF14-25S-1.25C	
30	39.45 36.25	H1575-ND	.45	8.09 26.46	DF14-30S-1.25C	

Fig.	No. of Contacts	Dimensions (mm) A B	Digi-Key Part No.	1	Pricing 25 100	Hirose Part No.
Right Angle Pin Headers (SMT)						
Tin Plating, With Boss						
2	3	8.70 2.50	H1512-ND	.91	16.47 53.91	DF14-3P-1.25H(20)
	7	13.70 7.50	H1516-ND	1.13	20.47 66.97	DF14-7P-1.25H(20)
	8	14.95 8.75	H1517-ND	1.21	21.96 71.87	DF14-8P-1.25H(20)
Tin Plating, With Boss — RoHS Compliant						
2	3	7.45 1.25	H10310-ND	.97	17.47 57.17	DF14-2P-1.25H(25)
	4	8.70 2.50	H10314-ND	1.05	18.97 62.07	DF14-3P-1.25H(25)
	4	9.95 3.75	H10316-ND	1.13	20.47 66.97	DF14-4P-1.25H(25)
	5	11.20 5.00	H10318-ND	1.16	20.97 68.61	DF14-5P-1.25H(25)
	6	12.45 6.25	H10320-ND	1.21	21.96 71.87	DF14-6P-1.25H(25)
	7	13.70 7.50	H10322-ND	1.27	22.96 75.14	DF14-7P-1.25H(25)
	8	14.95 8.75	H10324-ND	1.35	24.46 80.04	DF14-8P-1.25H(25)
	9	16.20 10.00	H10326-ND	1.38	24.96 81.68	DF14-9P-1.25H(25)
	10	17.45 11.25	H10302-ND	1.25	24.05 76.96	DF14-10P-1.25H(25)
	15	23.70 17.50	H10304-ND	1.66	31.76 101.64	DF14-15P-1.25H(25)
	20	29.95 23.75	H10306-ND	1.91	36.76 117.61	DF14-20P-1.25H(25)
	25	36.20 30.00	H10308-ND	2.22	42.65 136.49	DF14-25P-1.25H(25)
	30	42.45 36.25	H10312-ND	2.15	41.66 133.29	DF14-30P-1.25H(25)
Tin Plating, Without Boss						
2	2	7.45 1.25	H1524-ND	.89	15.97 52.27	DF14A-2P-1.25H(20)
	6	12.45 6.25	H1528-ND	1.07	19.46 63.71	DF14A-6P-1.25H(20)
	7	13.70 7.50	H1529-ND	1.13	20.47 66.97	DF14A-7P-1.25H(20)
	8	14.95 8.75	H1530-ND	1.21	21.96 71.87	DF14A-8P-1.25H(20)
	9	16.20 10.00	H1531-ND	1.24	22.46 73.51	DF14A-9P-1.25H(20)
	10	17.45 11.25	H1532-ND	1.32	23.96 78.41	DF14A-10P-1.25H(20)
	25	36.20 30.00	H1535-ND	1.96	37.66 120.52	DF14A-25P-1.25H(20)
Tin Plating, Without Boss — RoHS Compliant						
2	2	7.45 1.25	H10336-ND	.97	17.47 57.17	DF14A-2P-1.25H(25)
	3	8.70 2.50	H10340-ND	1.05	18.97 62.07	DF14A-3P-1.25H(25)
	4	9.95 3.75	H10342-ND	1.13	20.47 66.97	DF14A-4P-1.25H(25)
	5	11.20 5.00	H10344-ND	1.16	20.97 68.61	DF14A-5P-1.25H(25)
	6	12.45 6.25	H10346-ND	1.21	21.96 71.87	DF14A-6P-1.25H(25)
	7	13.70 7.50	H10348-ND	1.21	21.96 71.87	DF14A-7P-1.25H(25)
	8	14.95 8.75	H10350-ND	1.35	24.46 80.04	DF14A-8P-1.25H(25)
	9	16.20 10.00	H10352-ND	1.18	22.69 72.60	DF14A-9P-1.25H(25)
	10	17.45 11.25	H10328-ND	1.25	24.05 76.96	DF14A-10P-1.25H(25)
	15	23.70 17.50	H10330-ND	1.66	31.76 101.64	DF14A-15P-1.25H(25)
	20	29.95 23.75	H10332-ND	1.91	36.76 117.61	DF14A-20P-1.25H(25)
	25	36.20 30.00	H10334-ND	2.22	42.65 136.49	DF14A-25P-1.25H(25)
	30	42.45 36.25	H10338-ND	2.15	41.66 133.29	DF14A-30P-1.25H(25)
Gold Plating, With Boss						
2	2	7.45 1.25	H1537-ND	.89	15.97 52.27	DF14-2P-1.25H(50)
	3	8.70 2.50	H1538-ND	.97	17.47 57.17	DF14-3P-1.25H(50)
Gold Plating, With Boss — RoHS Compliant						
2	2	7.45 1.25	H10311-ND	1.05	18.97 62.07	DF14-2P-1.25H(55)
	3	8.70 2.50	H10315-ND	1.13	20.47 66.97	DF14-3P-1.25H(55)
	4	9.95 3.75	H10317-ND	1.18	21.46 70.24	DF14-4P-1.25H(55)
	5	11.20 5.00	H10319-ND	1.27	22.96 75.14	DF14-5P-1.25H(55)
	6	12.45 6.25	H10321-ND	1.32	23.96 78.41	DF14-6P-1.25H(55)
	7	13.70 7.50	H10323-ND	1.18	22.69 72.60	DF14-7P-1.25H(55)
	8	14.95 8.75	H10325-ND	1.25	24.05 76.96	DF14-8P-1.25H(55)
	9	16.20 10.00	H10327-ND	1.32	25.41 81.31	DF14-9P-1.25H(55)
	10	17.45 11.25	H10303-ND	1.39	26.77 85.67	DF14-10P-1.25H(55)
	15	23.70 17.50	H10305-ND	1.84	35.39 113.26	DF14-15P-1.25H(55)

DF4 Series Board-In Connectors

2mm Pitch

A



- Features:**
- Extractable socket and board-in connector provided with the dual-sided harness eliminate one of the two headers required for a dual-sided socket harness, with the board separating function remaining unchanged
 - Compact and multicontact
 - Temporary board fixing structure

- Applications:**
- Notebook computers, compact OA equipment

- Specifications:**
- Rated Current: Crimping - 24AWG: 3A, 26AWG: 2A, 28AWG: 1A. ID Termination - wire size 26/28AWG:1A
 - Operating Temperature: -30°C - 85°C • Rated Voltage: Crimping - AC250V ID termination - AC100V

- Material:**
- Crimp Plug: Insulation, polyimide resin, black, UL94V-0 • Crimp Terminal for Plug: Terminal, brass, tin-plated
 - ID Termination Plug: • Insulation: Polyimide resin, black, UL94V-0 • Terminal: Phosphor bronze, tin-plated

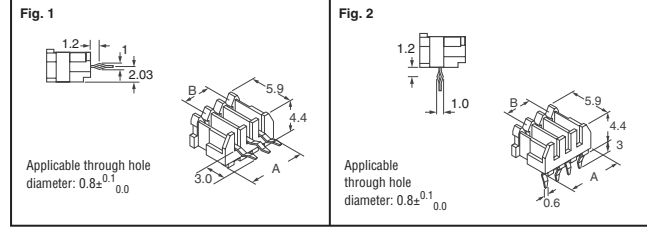
No. of Fig. Contacts	Dimension (mm)		Digi-Key Part No.	Pricing			Hirose Part No.	
	A	B		1	25	100		
Single-Row Crimp Plug - RoHS Compliant								
1	2	4.5	2.0	H2582-ND	.23	2.41	6.79	DF4-2P-2C
	3	6.5	4.0	H2583-ND	.23	2.55	7.19	DF4-3P-2C
	4	8.5	6.0	H2584-ND	.24	2.62	7.39	DF4-4P-2C
	5	10.5	8.0	H2585-ND	.25	2.69	7.59	DF4-5P-2C
	6	12.5	10.0	H2586-ND	.20	2.43	7.26	DF4-6P-2C
	7	14.5	12.0	H2587-ND	.20	2.43	7.26	DF4-7P-2C
	8	16.5	14.0	H2588-ND	.21	2.56	7.62	DF4-8P-2C
	9	18.5	16.0	H2589-ND	.21	2.56	7.62	DF4-9P-2C
	10	20.5	18.0	H2590-ND	.23	2.68	7.99	DF4-10P-2C
	11	22.5	20.0	H2591-ND	.23	2.74	8.17	DF4-11P-2C
	12	24.5	22.0	H2592-ND	.23	2.80	8.35	DF4-12P-2C
	13	26.5	24.0	H2593-ND	.25	2.92	8.71	DF4-13P-2C
	14	28.5	26.0	H2594-ND	.25	2.98	8.89	DF4-14P-2C
	15	30.0	28.0	H2595-ND	.25	3.04	9.08	DF4-15P-2C
	Double-Row Crimp Plug - RoHS Compliant							
2	4	4.8	2.0	H2596-ND	.33	3.95	11.80	DF4-4DP-2C
	6	6.8	4.0	H2597-ND	.34	4.07	12.16	DF4-6DP-2C
	8	8.8	6.0	H2598-ND	.35	4.14	12.34	DF4-8DP-2C
	10	10.8	8.0	H2599-ND	.35	4.20	12.52	DF4-10DP-2C
	12	12.8	10.0	H2600-ND	.36	4.32	12.89	DF4-12DP-2C
	14	14.8	12.0	H2601-ND	.39	4.68	13.98	DF4-14DP-2C
	16	16.8	14.0	H2602-ND	.29	4.36	13.65	DF4-16DP-2C
	18	18.8	16.0	H2603-ND	.30	4.41	13.82	DF4-18DP-2C
	20	20.8	18.0	H2604-ND	.33	4.96	15.53	DF4-20DP-2C
	22	22.8	20.0	H2605-ND	.33	5.01	15.70	DF4-22DP-2C
	24	24.8	22.0	H2606-ND	.34	5.12	16.04	DF4-24DP-2C
	26	26.8	24.0	H2607-ND	.35	5.23	16.38	DF4-26DP-2C
	28	28.8	26.0	H2608-ND	.38	5.61	17.58	DF4-28DP-2C
	30	30.8	28.0	H2609-ND	.38	5.77	18.08	DF4-30DP-2C
	32	32.8	30.0	H2610-ND	.40	5.94	18.60	DF4-32DP-2C

Crimp Terminal

Description	Digi-Key Part No.	Loose Piece Pricing 100	Hirose Part No.	Cut Tape* Pricing			Tape & Reel† Pricing 10,000	Hirose Part No.
				10	50	100		
24-28 AWG Tin Pltg.	H2612-ND	2.64	DF4-2428PC	.80	2.17	3.54	9.44/M	DF4-2428PCF
24-28 AWG Tin Pltg.	H11367-ND	4.99	DF4-2428PC(05)	1.16	3.37	5.79	10.17/M	DF4-2428PCF(05)
Tool								
Manual Crimper for Loose Contacts.....	H9993-ND				596.48/1			DF4-TA2428HC

* For Cut Tape, add CT to the Digi-Key Part No. (H2612CT-ND) or (H11367CT-ND)
 † For Tape and Reel, add TR to the Digi-Key Part No. (H2612TR-ND) or (H11367TR-ND)
 • RoHS Compliant

Termination Plugs



No. of Fig. Contacts	Dimensions (mm)		Digi-Key Part No.	Pricing			Hirose Part No.	
	A	B		1	25	100		
Straight ID - RoHS Compliant								
26 AWG								
1	2	6.0	2.0	H2613-ND	.39	4.68	13.98	DF4-2P-2R26
	3	8.0	4.0	H2614-ND	.34	5.12	16.04	DF4-3P-2R26
	4	10.0	6.0	H2615-ND	.41	6.05	18.94	DF4-4P-2R26
	5	12.0	8.0	H2616-ND	.50	7.46	23.38	DF4-5P-2R26
	6	14.0	10.0	H2617-ND	.43	7.79	25.48	DF4-6P-2R26
	7	16.0	12.0	H2618-ND	.47	8.54	27.94	DF4-7P-2R26
	8	18.0	14.0	H2619-ND	.52	9.39	30.71	DF4-8P-2R26
	9	20.0	16.0	H2620-ND	.56	10.13	33.16	DF4-9P-2R26
	10	22.0	18.0	H2621-ND	.61	11.03	36.10	DF4-10P-2R26
	11	24.0	20.0	H2622-ND	.73	13.08	42.80	DF4-11P-2R26
	12	26.0	22.0	H2623-ND	.77	13.87	45.41	DF4-12P-2R26
	13	28.0	24.0	H2624-ND	.81	14.77	48.35	DF4-13P-2R26
	14	30.0	26.0	H2625-ND	.86	15.57	50.97	DF4-14P-2R26
	15	32.0	28.0	H2626-ND	.91	16.37	53.58	DF4-15P-2R26
	28 AWG							
1	2	6.0	2.0	H2627-ND	.39	4.68	13.98	DF4-2P-2R28
	3	8.0	4.0	H2628-ND	.34	5.12	16.04	DF4-3P-2R28
	4	10.0	6.0	H2629-ND	.41	6.05	18.94	DF4-4P-2R28
	5	12.0	8.0	H2630-ND	.50	7.46	23.38	DF4-5P-2R28
	6	14.0	10.0	H2631-ND	.43	7.79	25.48	DF4-6P-2R28
	7	16.0	12.0	H2632-ND	.47	8.54	27.94	DF4-7P-2R28
	8	18.0	14.0	H2633-ND	.52	9.39	30.71	DF4-8P-2R28
	9	20.0	16.0	H2634-ND	.56	10.13	33.16	DF4-9P-2R28
	10	22.0	18.0	H2635-ND	.61	11.03	36.10	DF4-10P-2R28
	11	24.0	20.0	H2636-ND	.73	13.08	42.80	DF4-11P-2R28
	12	26.0	22.0	H2637-ND	.77	13.87	45.41	DF4-12P-2R28
	13	28.0	24.0	H2638-ND	.81	14.77	48.35	DF4-13P-2R28
	14	30.0	26.0	H2639-ND	.86	15.57	50.97	DF4-14P-2R28
	15	32.0	28.0	H2640-ND	.91	16.37	53.58	DF4-15P-2R28
	Right-Angle ID - RoHS Compliant							
26 AWG								
2	2	6.0	2.0	H2641-ND	.38	4.62	13.79	DF4-2PA-2R26
	3	8.0	4.0	H2642-ND	.33	5.01	15.70	DF4-3PA-2R26
	4	10.0	6.0	H2643-ND	.39	5.88	18.43	DF4-4PA-2R26
	5	12.0	8.0	H2644-ND	.49	7.30	22.86	DF4-5PA-2R26
	6	14.0	10.0	H2645-ND	.42	7.59	24.83	DF4-6PA-2R26
	7	16.0	12.0	H2646-ND	.46	8.33	27.28	DF4-7PA-2R26
	8	18.0	14.0	H2647-ND	.51	9.13	29.90	DF4-8PA-2R26
	9	20.0	16.0	H2648-ND	.54	9.83	32.18	DF4-9PA-2R26
	10	22.0	18.0	H2649-ND	.59	10.68	34.96	DF4-10PA-2R26
	11	24.0	20.0	H2650-ND	.70	12.73	41.66	DF4-11PA-2R26
	12	26.0	22.0	H2651-ND	.75	13.53	44.27	DF4-12PA-2R26
	13	28.0	24.0	H2652-ND	.79	14.27	46.72	DF4-13PA-2R26
	14	30.0	26.0	H2653-ND	.83	15.02	49.17	DF4-14PA-2R26
	15	32.0	28.0	H2654-ND	.87	15.82	51.79	DF4-15PA-2R26
	28 AWG							
2	2	6.0	2.0	H2655-ND	.38	4.62	13.79	DF4-2PA-2R28
	3	8.0	4.0	H2656-ND	.33	5.01	15.70	DF4-3PA-2R28
	4	10.0	6.0	H2657-ND	.39	5.88	18.43	DF4-4PA-2R28
	5	12.0	8.0	H2658-ND	.49	7.30	22.86	DF4-5PA-2R28
	6	14.0	10.0	H2659-ND	.42	7.59	24.83	DF4-6PA-2R28
	7	16.0	12.0	H2660-ND	.46	8.33	27.28	DF4-7PA-2R28
	8	18.0	14.0	H2661-ND	.51	9.13	29.90	DF4-8PA-2R28
	9	20.0	16.0	H2662-ND	.54	9.83	32.18	DF4-9PA-2R28
	10	22.0	18.0	H2663-ND	.59	10.68	34.96	DF4-10PA-2R28
	11	24.0	20.0	H2664-ND	.70	12.73	41.66	DF4-11PA-2R28
	12	26.0	22.0	H2665-ND	.75	13.53	44.27	DF4-12PA-2R28
	13	28.0	24.0	H2666-ND	.79	14.27	46.72	DF4-13PA-2R28
	14	30.0	26.0	H2667-ND	.77	13.98	45.74	DF4-14PA-2R28
	15	32.0	28.0	H2668-ND	.87	15.82	51.79	DF4-15PA-2R28

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