



**0.5mm and 1.0mm FFC/FPC Connectors FH12, FH12A, FH12F and FH12S Series — “Flip-Lock” SMT/ZIF Type Flexible Printed Circuit Board Connectors (Cont.)**



A

Fig.	No. of Pos.	Dimensions (mm)		Digi-Key Part No.	Cut Tape Price Each			Digi-Key Part No.	Tape and Reel		Hirose Part No.	
		A	B		1	25	100		250	Qty.		Pricing
1	16	8.57	12.1	HFK16CT-ND	1.98	1.53	1.22	1.02	HFK16TR-ND	2,000	778.00/M	FH12-16S-0.5SH
	17	9.07	12.6	HFK17CT-ND	2.08	1.60	1.28	1.07	HFK17TR-ND	2,000	815.00/M	FH12-17S-0.5SH
	19	10.07	13.6	HFK19CT-ND	2.12	1.64	1.31	1.09	HFK19TR-ND	2,000	833.00/M	FH12-19S-0.5SH
	20	10.57	14.1	HFK20CT-ND	2.17	1.67	1.34	1.11	HFK20TR-ND	2,000	852.00/M	FH12-20S-0.5SH
	22	11.57	15.1	HFK22CT-ND	2.27	1.75	1.40	1.16	HFK22TR-ND	2,000	889.00/M	FH12-22S-0.5SH
	26	13.57	17.1	HFK26CT-ND	2.41	1.86	1.49	1.23	—	—	—	FH12-26S-0.5SH
	34	17.57	21.1	HFK34CT-ND	2.74	2.11	1.69	1.40	—	—	—	FH12-34S-0.5SH
45	23.07	26.6	HFK45CT-ND	2.99	2.32	1.86	1.50	—	—	—	FH12-45S-0.5SH	
53	27.07	30.6	HFK53CT-ND	3.28	2.55	2.04	1.64	HFK53TR-ND	2,000	1441.00/M	FH12-53S-0.5SH	
<b>.5mm Horizontal Mount — Bottom Contact Type — RoHS Compliant</b>												
1	6	3.57	7.1	HFK106CT-ND	1.79	1.38	1.10	.92	—	—	—	FH12-6S-0.5SH(55)
	10	5.57	9.1	HFK110CT-ND	1.98	1.53	1.22	1.02	HFK110TR-ND	2,000	778.00/M	FH12-10S-0.5SH(55)
	11	6.07	9.6	HFK111CT-ND	2.02	1.55	1.24	1.03	HFK111TR-ND	2,000	791.00/M	FH12-11S-0.5SH(55)
	12	6.57	10.1	HFK112CT-ND	2.08	1.60	1.28	1.07	HFK112TR-ND	2,000	816.00/M	FH12-12S-0.5SH(55)
	14	7.07	11.1	HFK114CT-ND	2.18	1.68	1.34	1.12	HFK114TR-ND	2,000	854.00/M	FH12-14S-0.5SH(55)
	15	8.07	11.6	HFK115CT-ND	2.28	1.75	1.40	1.17	HFK115TR-ND	2,000	893.00/M	FH12-15S-0.5SH(55)
	16	8.57	12.1	HFK116CT-ND	2.31	1.78	1.42	1.18	HFK116TR-ND	2,000	905.00/M	FH12-16S-0.5SH(55)
	18	9.57	13.1	HFK118CT-ND	2.47	1.90	1.52	1.27	HFK118TR-ND	2,000	969.00/M	FH12-18S-0.5SH(55)
	20	10.57	14.1	HFK120CT-ND	2.57	1.98	1.58	1.32	HFK120TR-ND	2,000	1007.00/M	FH12-20S-0.5SH(55)
	22	11.57	15.1	HFK122CT-ND	2.67	2.05	1.64	1.37	HFK122TR-ND	2,000	1046.00/M	FH12-22S-0.5SH(55)
	24	12.57	16.1	HFK124CT-ND	2.80	2.15	1.72	1.43	HFK124TR-ND	2,000	1097.00/M	FH12-24S-0.5SH(55)
	26	13.57	17.1	HFK126CT-ND	2.96	2.28	1.82	1.52	HFK126TR-ND	2,000	1160.00/M	FH12-26S-0.5SH(55)
	30	15.57	19.1	HFK130CT-ND	3.09	2.38	1.90	1.58	HFK130TR-ND	2,000	1211.00/M	FH12-30S-0.5SH(55)
	32	16.57	20.1	HFK132CT-ND	2.99	2.32	1.86	1.50	HFK132TR-ND	2,000	1313.00/M	FH12-32S-0.5SH(55)
33	17.07	20.6	HFK133CT-ND	3.07	2.39	1.91	1.54	HFK133TR-ND	2,000	1352.00/M	FH12-33S-0.5SH(55)	
34	17.57	21.1	HFK134CT-ND	3.07	2.39	1.91	1.54	HFK134TR-ND	2,000	1352.00/M	FH12-34S-0.5SH(55)	
36	18.57	22.1	HFK136CT-ND	3.16	2.46	1.97	1.59	HFK136TR-ND	2,000	1390.00/M	FH12-36S-0.5SH(55)	
40	20.57	24.1	HFK140CT-ND	3.48	2.70	2.16	1.74	—	—	—	FH12-40S-0.5SH(55)	
45	23.07	26.6	HFK145CT-ND	3.86	3.00	2.40	1.93	HFK145TR-ND	2,000	1696.00/M	FH12-45S-0.5SH(55)	
50	25.57	29.1	HFK150CT-ND	4.18	3.24	2.60	2.09	HFK150TR-ND	2,000	1836.00/M	FH12-50S-0.5SH(55)	
<b>.5mm Horizontal Mount — Top Contact Type</b>												
2	12	6.57	10.5	HFK12CT-ND	1.86	1.20	.99	.83	—	—	—	FH12A-12S-0.5SH
	15	8.07	12.0	HFK15CT-ND	1.82	1.32	1.08	.92	—	—	—	FH12A-15S-0.5SH
	15	8.57	12.5	HFK16CT-ND	1.88	1.36	1.12	.94	—	—	—	FH12A-16S-0.5SH
	22	11.57	15.5	HFK22CT-ND	1.89	1.46	1.17	.97	—	—	—	FH12A-22S-0.5SH
	29	15.07	19.0	HFK29CT-ND	2.17	1.67	1.34	1.11	HFK29TR-ND	2,000	852.00/M	FH12A-29S-0.5SH
	32	16.57	20.5	HFK32CT-ND	2.27	1.75	1.40	1.16	HFK32TR-ND	2,000	889.00/M	FH12A-32S-0.5SH
	34	17.57	21.5	HFK34CT-ND	2.41	1.86	1.49	1.23	HFK34TR-ND	2,000	—	FH12A-34S-0.5SH
	36	18.57	22.5	HFK36CT-ND	2.45	1.89	1.51	1.26	HFK36TR-ND	2,000	963.00/M	FH12A-36S-0.5SH
	42	21.57	25.5	HFK42CT-ND	2.79	2.15	1.72	1.43	HFK42TR-ND	2,000	1093.00/M	FH12A-42S-0.5SH
	45	23.07	27.0	HFK45CT-ND	2.93	2.25	1.80	1.50	HFK45TR-ND	2,000	1148.00/M	FH12A-45S-0.5SH
<b>.5mm Horizontal Mount — Top Contact Type — RoHS Compliant</b>												
2	10	5.57	9.5	HFK110CT-ND	1.86	1.35	1.11	.94	HFK110TR-ND	2,000	637.00/M	FH12A-10S-0.5SH(55)
	12	6.57	10.5	HFK112CT-ND	1.69	1.30	1.04	.87	HFK112TR-ND	2,000	663.00/M	FH12A-12S-0.5SH(55)
	16	8.57	12.5	HFK116CT-ND	1.92	1.48	1.18	.98	HFK116TR-ND	2,000	752.00/M	FH12A-16S-0.5SH(55)
	18	9.57	13.5	HFK118CT-ND	2.02	1.55	1.24	1.03	HFK118TR-ND	2,000	791.00/M	FH12A-18S-0.5SH(55)
	20	10.57	14.5	HFK120CT-ND	1.98	1.53	1.22	1.02	HFK120TR-ND	2,000	778.00/M	FH12A-20S-0.5SH(55)
	24	12.57	16.5	HFK124CT-ND	2.31	1.78	1.42	1.18	HFK124TR-ND	2,000	905.00/M	FH12A-24S-0.5SH(55)
	30	15.57	19.5	HFK130CT-ND	2.76	2.13	1.70	1.42	HFK130TR-ND	2,000	1084.00/M	FH12A-30S-0.5SH(55)
	32	16.57	20.5	HFK132CT-ND	2.86	2.20	1.76	1.47	HFK132TR-ND	2,000	1122.00/M	FH12A-32S-0.5SH(55)
	33	17.07	21.0	HFK133CT-ND	2.96	2.28	1.82	1.52	—	—	—	FH12A-33S-0.5SH(55)
	36	18.57	22.5	HFK136CT-ND	3.15	2.43	1.94	1.62	HFK136TR-ND	2,000	1237.00/M	FH12A-36S-0.5SH(55)
40	20.57	24.5	HFK140CT-ND	3.07	2.39	1.91	1.54	HFK140TR-ND	2,000	1352.00/M	FH12A-40S-0.5SH(55)	
50	25.57	29.5	HFK150CT-ND	3.80	2.95	2.36	1.90	HFK150TR-ND	2,000	1670.00/M	FH12A-50S-0.5SH(55)	
<b>.5mm Vertical Mount</b>												
3	12	7.5	9.4	HFL12CT-ND	1.66	1.20	.99	.83	—	—	—	FH12-12S-0.5SV
	13	8.0	9.9	HFL13CT-ND	1.77	1.28	1.05	.89	—	—	—	FH12-13S-0.5SV
	18	10.5	12.4	HFL18CT-ND	1.70	1.31	1.05	.87	HFL18TR-ND	1,000	696.00	FH12-18S-0.5SV
	45	24.0	25.9	HFL45CT-ND	3.02	2.33	1.86	1.55	—	—	—	FH12-45S-0.5SV
	49	26.0	27.9	HFL49CT-ND	3.21	2.47	1.98	1.64	HFL49TR-ND	1,000	1313.00	FH12-49S-0.5SV
<b>.5mm Vertical Mount — RoHS Compliant</b>												
3	10	6.5	8.4	HFL110CT-ND	1.72	1.33	1.06	.88	HFL110TR-ND	1,000	705.00	FH12-10S-0.5SV(55)
	12	7.5	9.4	HFL112CT-ND	1.92	1.48	1.18	.98	HFL112TR-ND	1,000	785.00	FH12-12S-0.5SV(55)
	15	9.0	10.9	HFL115CT-ND	2.18	1.68	1.34	1.12	HFL115TR-ND	1,000	891.00	FH12-15S-0.5SV(55)
	16	9.5	11.4	HFL116CT-ND	2.21	1.70	1.36	1.13	HFL116TR-ND	1,000	904.00	FH12-16S-0.5SV(55)
	18	10.5	12.4	HFL118CT-ND	2.37	1.83	1.46	1.22	HFL118TR-ND	1,000	971.00	FH12-18S-0.5SV(55)
	20	11.5	13.4	HFL120CT-ND	2.50	1.93	1.54	1.28	HFL120TR-ND	1,000	1024.00	FH12-20S-0.5SV(55)
	22	12.5	14.4	HFL122CT-ND	2.67	2.05	1.64	1.37	HFL122TR-ND	1,000	1091.00	FH12-22S-0.5SV(55)
	24	13.5	15.4	HFL124CT-ND	2.86	2.20	1.76	1.47	HFL124TR-ND	1,000	1170.00	FH12-24S-0.5SV(55)
	26	14.5	16.4	HFL126CT-ND	2.96	2.28	1.82	1.52	HFL126TR-ND	1,000	1210.00	FH12-26S-0.5SV(55)
	30	16.5	18.4	HFL130CT-ND	2.90	2.25	1.80	1.45	—	—	—	FH12-30S-0.5SV(55)
	33	18.0	19.9	HFL133CT-ND	3.16	2.46	1.97	1.59	HFL133TR-ND	1,000	1417.00	FH12-33S-0.5SV(55)
	36	19.5	21.4	HFL136CT-ND	3.51	2.73	2.18	1.76	HFL136TR-ND	1,000	1573.00	FH12-36S-0.5SV(55)
	40	21.5	23.4	HFL140CT-ND	3.80	2.95	2.36	1.90	HFL140TR-ND	1,000	1703.00	FH12-40S-0.5SV(55)
	45	24.0	25.9	HFL145CT-ND	4.06	3.15	2.52	2.03	HFL145TR-ND	1,000	1820.00	FH12-45S-0.5SV(55)
50	26.5	28.4	HFL150CT-ND	4.35	3.38	2.70	2.18	HFL150TR-ND	1,000	1950.00	FH12-50S-0.5SV(55)	
<b>.5mm Horizontal Mount — Bottom Contact Type with 0.18mm FPC End Thickness</b>												
1	6	3.57	7.1	HFR06CT-ND	1.88	1.36	1.12	.94	—	—	—	FH12F-6S-0.5SH
	10	5.57	9.1	HFR10CT-ND	1.70	1.31	1.05	.87	—	—	—	FH12F-10S-0.5SH
	12	6.57	10.1	HFR12CT-ND	1.84	1.42	1.14	.94	HFR12TR-ND	2,000	722.00/M	FH12F-12S-0.5SH
	13	7.07	10.6	HFR13CT-ND	1.89	1.46	1.17	.97	HFR13TR-ND	2,000	741.00/M	FH12F-13S-0.5SH
	14	7.57	11.1	HFR14CT-ND	1.93	1.49	1.19	.99	HFR14TR-ND	2,000	759.00/M	FH12F-14S-0.5SH
	15	8.07	11.6	HFR15CT-ND	1.98	1.53	1.22	1.02	HFR15TR-ND	2,000	778.00/M	FH12F-15S-0.5SH
	16	8.57	12.1	HFR16CT-ND	2.08	1.60	1.28	1.07	HFR16TR-ND	2,000	815.00/M	FH12F-16S-0.5SH
	18	9.57	13.1	HFR18CT-ND	2.12	1.64	1.31	1.09	HFR18TR-ND	2,000	833.00/M	FH12F-18S-0.5SH
	20	10.57	14.1	HFR20CT-ND	2.17	1.67	1.34	1.11	HFR20TR-ND	2,000	852.00/M	FH12F-20S-0.5SH
	22	11.57	15.1	HFR22CT-ND	2.27	1.75	1.40	1.16	HFR22TR-ND	2,000	889.00/M	FH12F-22S-0.5SH
	24	12.57	16.1	HFR24CT-ND	2.36	1.82	1.46	1.21	HFR24TR-ND	2,000	926.00/M	FH12F-24S-0.5