

HIGH SPEED FLEX DATA LINK ZFHF, HSF8 SERIES

SPECIFICATIONS

Mates with:
QSE-DP, ZF5

For complete specifications
see www.samtec.com?ZFHF

Terminal:
QTE-DP Series
Cable:
1/2 oz. rolled annealed copper
Adhesive:
FR (DuPont)
Stiffener:
FR-4 glass epoxy
Flammability Rating:
UL 94 VO



ZFHF	SIGNAL PAIRS	OVERALL LENGTH	DP	Z1	END NO. 2 OPTION	OTHER OPTION
-014	= 14 Pairs	-05.00 = (127,0mm) 5.00" -10.00 = (254,0mm) 10.00"	-DP = Differential Pair	-Z1 = Flex Cable Jumper for End 1	-Z1 = Flex Cable Jumper -Q1 = QTE-DP	-PBF = Lead-Free RoHS compliant option. (Leave blank for standard version)

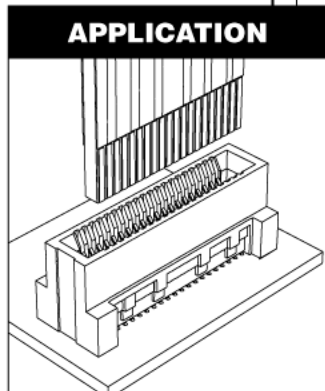
Z1-Z1	
Cable Length	Rated @ -3dB Insertion Loss -DP
5" (127mm)	1.97 GHz / 3.94 Gbps
10" (254mm)	1.31 GHz / 2.62 Gbps

Z1-Q1	
Cable Length	Rated @ -3dB Insertion Loss -DP
5" (127mm)	3.16 GHz / 6.32 Gbps
10" (254mm)	1.65 GHz / 3.30 Gbps

SPECIFICATIONS

Mates with:
HSEC8

For complete specifications
see www.samtec.com?HSF8



HSF8	NO. OF POSITIONS PER SIDE	OVERALL LENGTH	SIGNAL ROUTING	OTHER OPTION
	-20, -30, -50 (-50 has polarization notch. See HSEC8 for location.)	-05.00 = (127,0mm) 5.00" -10.00 = (254,0mm) 10.00" -15.00 = (381,0mm) 15.00"	-DP = Differential Pair -SE = Single-Ended	-PBF = Lead-Free RoHS compliant option. (Leave blank for standard version)

Cable Length	Rated @ -3dB Insertion Loss -SE
5" (127mm)	6 GHz / 12 Gbps
10" (254mm)	4.5 GHz / 9 Gbps

NO. OF POSITIONS PER SIDE	B	SIGNAL PAIRS PER SIDE (-DP)	SIGNAL PINS PER SIDE (-SE)
-20	(17,40) .685	6	10
-30	(25,40) 1.000	10	15
-50	(44,45) 1.750	16	25

Note: Some sizes, styles and options are non-standard, non-returnable.

Due to technical progress, all designs, specifications and components are subject to change without notice.

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