

(0,50mm) .0197"
(0,80mm) .0315"

ZFHF, HSF8 SERIES

HIGH SPEED FLEX DATA LINKS

Mates with:
QSE-014-01-X-D-DP-A,
ZF5-43-XX-T-WT

SPECIFICATIONS

For complete specifications see www.samtec.com/ZFHF-DP

Terminal:
QTE-DP Series

Cable:
1/2 oz. rolled annealed copper

Operating Temp Range:
-55°C to +105°C

Plating:
100µ" (2,54µm) Tin

Adhesive:
FR (DuPont)

Stiffener:
FR-4 glass epoxy

Flammability Rating:
UL 94 VO

RoHS Compliant: Yes

Important Note:
Product may have some lines dedicated to ground. For actual signal-to-ground pinouts, see assembly print at web address above.

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



ZFHF	SIGNAL PAIRS	OVERALL LENGTH	DP	Z1	END NO. 2 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

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

Mates with:
HSEC8, DSEC, HSEC8-RA

SPECIFICATIONS

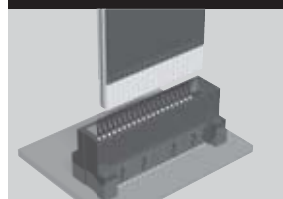
For complete specifications see www.samtec.com/HSF8-DP, see www.samtec.com/HSF8-SE

Operating Temp Range:
-55°C to +105°C

Plating:
30µ" (0,76µm) Gold over 50µ" (1,27µm) Nickel

RoHS Compliant: Yes

APPLICATION



Important Note:
Product may have some lines dedicated to ground. For actual signal-to-ground pinouts, see assembly print at web address above.

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

HSF8	NO. OF POSITIONS PER SIDE	OVERALL LENGTH	SIGNAL ROUTING
	-020, -050 (-050 has polarization notch. See HSEC8 for location.)	-05.00 = (127,0mm) 5.00" -10.00 = (254,0mm) 10.00"	-DP = Differential Pair -SE = Single-Ended

HSF8	
Cable Length	Rated @ 3dB Insertion Loss -DP
5" (127mm)	4.86 GHz / 9.72 Gbps

Performance data for other cable lengths and complete test data available at www.samtec.com/HSF8 or contact sig@samtec.com

NO. OF POSITIONS PER SIDE	B	SIGNAL PAIRS PER SIDE (-DP)	SIGNAL PINS PER SIDE (-SE)
-020	(17,25) .679	7	10
-050	(44,45) 1.750	16	25

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

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