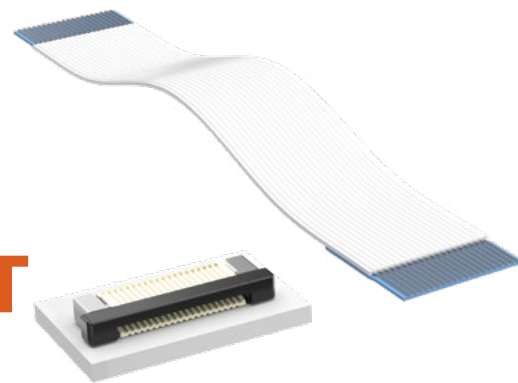


FLAT FLEXIBLE CABLE (FFC) JUMPER & SOCKET

(0.50 mm) .0197" PITCH • FJH/ZF5S SERIES



FJH

Mates:
ZF5S

SPECIFICATIONS

Conductor:
Tin Plated Copper
Conductor Resistance:
1000 Ω /km max
Insulation Resistance:
10 M Ω /km min
(conductor-to-conductor)
Dielectric Test:
400 VAC during 1 minute
(conductor-to-conductor)
Temperature Rating:
-30 °C to +80 °C
Voltage Rating:
60 VAC

ALSO AVAILABLE

Other Platings
(MOQ Required)

Notes:
Stiffener color will be blue or black at Samtec's discretion.
Some sizes, styles and options are non-standard, non-returnable.

FJH	NO. OF POSITIONS	STYLE	LENGTH	STRIP LENGTH
	-10, -15, -20, -25, -30, -40, -43, -50 (Standard sizes)	-D = Double End -R = Reversed End	Length in inches -03.00 = (76.2 mm) 3.00" -06.00 = (152.4 mm) 6.00" -12.00 = (304.8 mm) 12.00" -24.00 = (609.6 mm) 24.00" (Standard Lengths)	-4 = (4.00 mm) .157"

NO. OF POSITIONS	A
-10	(5.50) .217
-15	(8.00) .315
-20	(10.50) .413
-25	(13.00) .512
-30	(15.50) .610
-40	(20.50) .807
-43	(22.00) .866
-50	(25.50) 1.00

Diagram labels: LENGTH \pm (3.18) .125, A \pm (1.52) 0.06, (4.00) .157

-D STYLE

-R STYLE

ZF5S

Mates:
FJH

SPECIFICATIONS

Insulator Material:
Natural LCP
Contact Material:
Phosphor Bronze
Plating:
Sn over 50 μ " (1.27 μ m) Ni
Weld Tab:
Phosphor Bronze
Operating Temp Range:
-55 °C to +105 °C
Current Rating:
1.8 A per pin
(1 pin powered)

PROCESSING

Lead-Free Solderable:
Yes
SMT Lead Coplanarity:
(0.10 mm) .004" max (10-30)
(0.15 mm) .006" max (40-50)*
*(.004" stencil solution may be available; contact IPG@samtec.com)

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

ZF5S	NO. OF POSITIONS	LEAD STYLE	PLATING OPTION	WT	OPTION
	-10, -15, -20, -25, -30, -40, -43, -50 (Standard sizes)	-01 = Contact Bottom	-T = Matte Tin	-WT = Weld Tab	-K = (3.00 mm) .118" DIA Polyimide Film Pick & Place Pad -TR = Tape & Reel -FR = Full Reel Tape & Reel (must order max. quantity per reel; contact Samtec for quantity breaks)

Diagram labels: (No. of positions - 1) x (0.50) .0197, (4.82) .190, No. of positions x (0.50) .0197 + (5.65) .222, (2.00) .079, (2.10) .083

ALSO AVAILABLE

MOQ Required

Vertical
Contact top
Other positions

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

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[FJH-30-D-09.45-4](#)