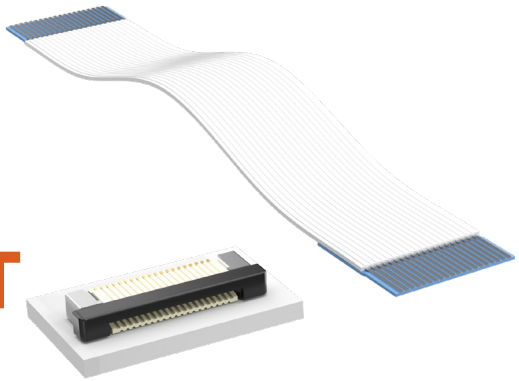


FLAT FLEXIBLE CABLE (FFC) JUMPER & SOCKET

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

FJH
Mates:
ZF5S

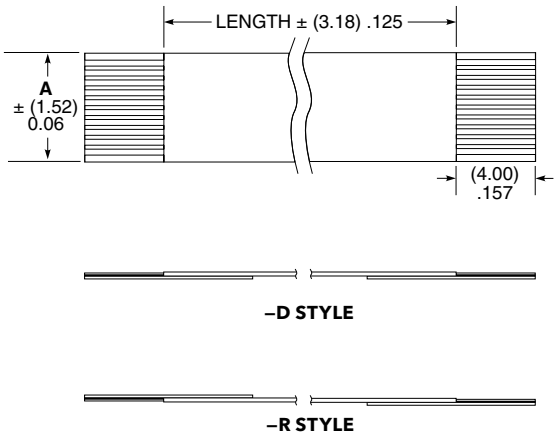
SPECIFICATIONS

Conductor:
Tin Plated Copper
Conductor Resistance:
1000 Ω/km max
Current Rating:
1.8 A per pin
(1 pin powered)
Operating Temp Range:
-55 °C to +80 °C
Voltage Rating:
195 VAC

OTHER SOLUTIONS

For 1.00 mm pitch flat flexible cable series, visit:
www.samtec.com?FJ
www.samtec.com?ZF1
www.samtec.com?FC1

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 POSTIONS	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

Notes:
Stiffener color will be blue or black at Samtec's discretion.

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

ZF5S
Mates:
FJH

SPECIFICATIONS

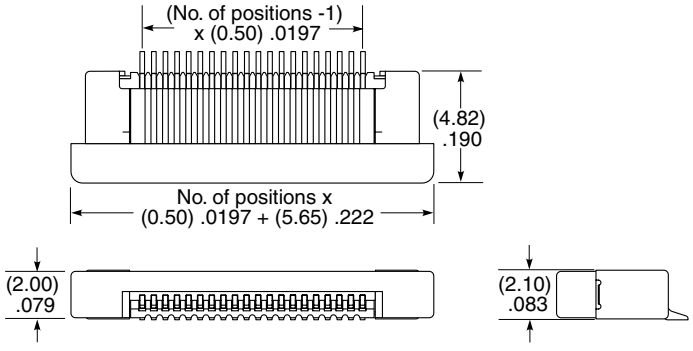
Insulator Material:
Natural LCP
Contact Material:
Phosphor Bronze
Plating:
Sn over 50 µ" (1.27 µm) Ni
Weld Tab:
Phosphor Bronze
Operating Temp Range:
-55 °C to +105 °C
Current Rating:
1.8 A per pin
(1 pin powered)

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)



ALSO AVAILABLE
Contact Samtec

Vertical
Contact top
Other positions

Unless otherwise approved in writing by Samtec, all parts and components are designed and built according to Samtec's specifications which are subject to change without notice.