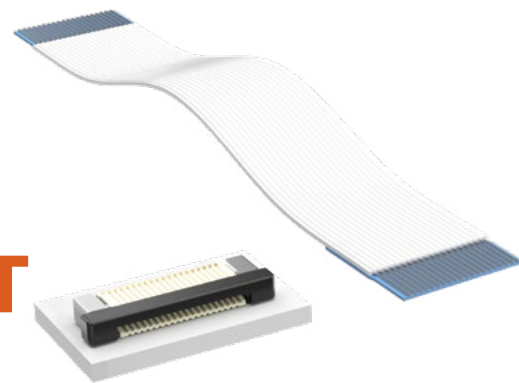


# FLAT FLEXIBLE CABLE (FFC) JUMPER & SOCKET

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



## FJH

Mates:  
ZF5S

### SPECIFICATIONS

**Conductor:**  
Tin Plated Copper  
**Conductor Resistance:**  
1000  $\Omega$ /km max  
**Insulation Resistance:**  
10 M  $\Omega$ /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

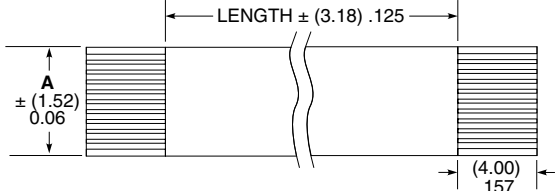
### ALSO AVAILABLE

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.

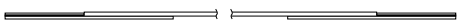
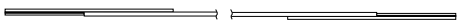
FJH	NO. OF POSITIONS	STYLE	LENGTH	STRIP LENGTH
	-10, -15, -20, -25, -30, -40, -43, -50 (Standard sizes)	-D = Double End -R = Reversed End	Length in inches -03.00 = (76.2 mm) 3.00" -06.00 = (152.4 mm) 6.00" -12.00 = (304.8 mm) 12.00" -24.00 = (609.6 mm) 24.00" (Standard Lengths)	-4 = (4.00 mm) .157"



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

## ZF5S

Mates:  
FJH

### SPECIFICATIONS

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

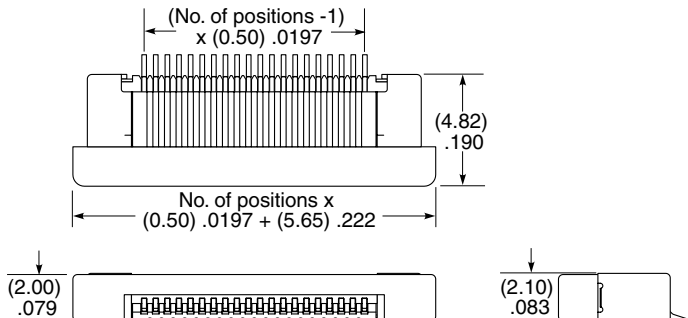
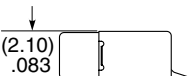
### PROCESSING

**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)

### ALSO AVAILABLE

MOQ Required

Vertical  
Contact top  
Other positions

# Mouser Electronics

Authorized Distributor

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[ZF5S-30-02-T-WT](#)