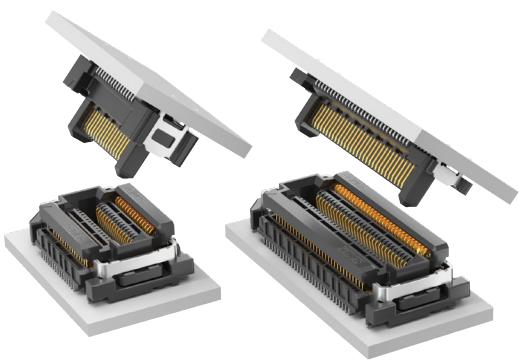


HIGH-SPEED FLOATING CONTACT SYSTEM

(0.50 mm) .0197" PITCH • FT5/FS5 SERIES



FT5
Mates:
FS5

FS5
Mates:
FT5

SPECIFICATIONS

Insulator Material:
Black Liquid Crystal Polymer

Contact Material:
Phosphor Bronze (FT5)
BeCu (FS5)

Weld Tab:
Phosphor Bronze

Plating:
Au or Sn over
50 μ " (1.27 μ m) Ni

Current Rating:
1.8 A per pin
(2 pins powered)

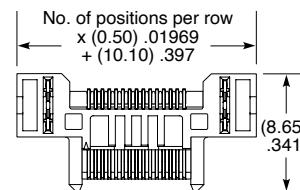
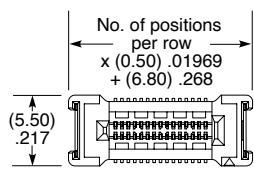
Voltage Rating:
180 VAC/255 VDC

Operating Temp Range:
-55 °C to +125 °C

Lead-Free Solderable:
Yes

FT5	NO. OF POSITIONS	LEAD STYLE	PLATING OPTION	ROW OPTION	TH	OPTION
	-15, -30 (Per Row)	-01.0 = 1 mm Body Height	-L = 10 μ " (0.25 μ m) Gold on contact, Matte Tin on tail	-DV = Vertical	Leave blank for -RA	Required callouts
		-03.0 = 3 mm Body Height		-RA = Right-angle	-TH = Through-hole weld tab	-P = Pick & Place Pad (-DV only)

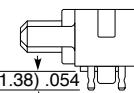
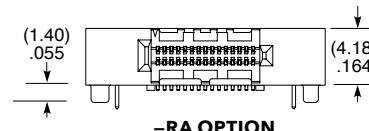
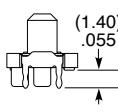
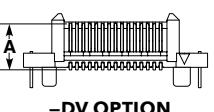
LEAD STYLE	A
-01.0	(3.72).146
-03.0	(5.72).225



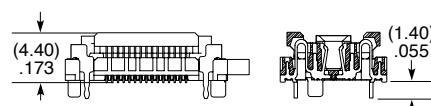
MATED HEIGHT *		
FS5 LEAD STYLE	FT5 LEAD STYLE	
-01.0	-03.0	
-04.0 (5.00 mm) .197"	(7.00 mm) .276"	

*Processing conditions
will affect mated height.

FS5	NO. OF POSITIONS	LEAD STYLE	PLATING OPTION	DV	TH	K	XR
	-15, -30 (Per Row)	-04.0 = 4 mm Body Height	-L = 10 μ " (0.25 μ m) Gold on contact, Matte Tin on tail		-TH = Through-hole weld tab		
						-K = (8.25 mm) .325" DIA Polyimide Film Pick & Place Pad	



FS5	NO. OF POSITIONS	LEAD STYLE	PLATING OPTION	DV	TH	K	XR
	-15, -30 (Per Row)	-04.0 = 4 mm Body Height	-L = 10 μ " (0.25 μ m) Gold on contact, Matte Tin on tail		-TH = Through-hole weld tab		
						-K = (8.25 mm) .325" DIA Polyimide Film Pick & Place Pad	



Notes:
Contact system provides
float in X (0.50 mm) and Y
(0.20 mm) directions.

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

-TR
= Tape & Reel

-FR
= Full Reel
Tape & Reel
(must order
max. quantity
per reel;
contact
Samtec for
quantity breaks)