



(0,50 mm) .0197"

FT5, FS5 SERIES

HIGH SPEED FLOATING CONTACT SYSTEM

FT5 Mates with:

FS5

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FT5

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?FT5 or www.samtec.com?FS5

Insulator Material:
Black Liquid Crystal Polymer
Contact Material:
Phosphor Bronze (FT5)
BeCu (FS5)

Weld Tab:
Phosphor Bronze

Plating:
Au or Sn over

50µ" (1,27 µm) Ni

Current Rating:
1.8 A per pin

(1 pin powered per row)

Operating Temp Range:
-55°C to +125°C

RoHS Compliant:
Yes

Lead-Free Solderable:
Yes

RECOGNITIONS

For complete scope of recognitions see www.samtec.com/quality



FILE NO. E11594

MATED HEIGHT

MATED HEIGHT*		
FS5 LEAD STYLE	FT5 LEAD STYLE	
	-01.0	-03.0
-04.0	(5,00) .197	(7,00) .276

*Processing conditions will affect mated height.

Note: Floating contact system provides 0,50 mm float in X and Y directions.

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

FT5	NO. OF POSITIONS	LEAD STYLE	PLATING OPTION	ROW OPTION	TH	OPTION
	-15, -30 (Per Row)	-01.0 = 1 mm Body Height -03.0 = 3 mm Body Height -01 = Right Angle	-L = 10µ" (0,25 µm) Gold on contact, Matte Tin on tail	-DV = Vertical -RA = Right Angle	Leave blank for -RA -TH = Through-hole weld tab	Required callouts -P = Pick & Place Pad (-DV only) -K = (5,00 mm) .197" DIA Polyimide Film Pick & Place Pad (-RA only) -TR = Tape & Reel

LEAD STYLE		A
-01.0	(3,72)	.146
-03.0	(5,72)	.225

FS5	NO. OF POSITIONS	LEAD STYLE	PLATING OPTION	DV	TH	K	TR
	-15, -30 (Per Row)	-04.0 = 4 mm Body Height	-L = 10µ" (0,25 µm) Gold on contact, Matte Tin on tail		-TH = Through-hole weld tab	-K = (8,25 mm) .325" DIA Polyimide Film Pick & Place Pad	-TR = Tape & Reel

ALSO AVAILABLE (MOQ Required)

- Other lead counts
- Surface mount weld tab Contact Samtec.