

(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



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						
No. of positions per row x (0,50) .01969 + (6,80) .268 (5,50) .217 (0,65) .026 (1,27) .050 (0,20) .008 No. of positions per row x (0,50) .01969 + (5,58) .219 -DV OPTION No. of positions per row x (0,50) .01969 + (10,10) .397 (0,20) .008 (3,10) .122 (4,00) .157 (8,65) .341 (1,38) .054 (2,25) .089 -RA OPTION <table><tr><th>LEAD STYLE</th><th>A</th></tr><tr><td>-01.0</td><td>(3,72) .146</td></tr><tr><td>-03.0</td><td>(5,72) .225</td></tr></table>							LEAD STYLE	A	-01.0	(3,72) .146	-03.0	(5,72) .225
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	
		No. of positions per row x (0,50) .01969 + (3,00) .118					

ALSO AVAILABLE (MOQ Required)

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

Due to technical progress, all designs, specifications and components are subject to change without notice.

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