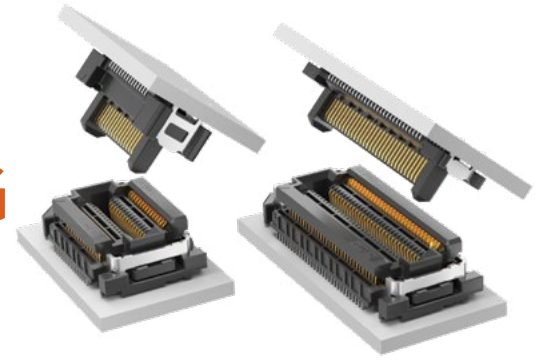


HIGH-SPEED FLOATING CONTACT SYSTEM

(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 μm) Ni
Current Rating:
1.8 A per pin
(2 pins powered)
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 μm)
Gold on
contact,
Matte Tin
on tail

-DV
= Vertical

Leave blank
for -RA

Required
callouts

-03.0
= 3 mm
Body
Height

-RA
= Right-
angle

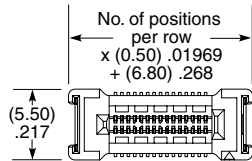
-TH
= Through-hole
weld tab

-P
= Pick &
Place Pad
(-DV only)

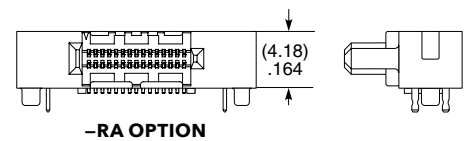
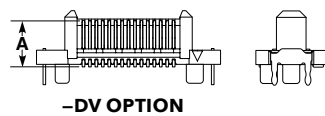
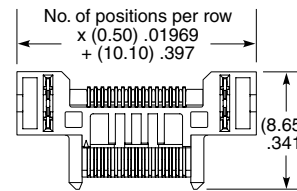
-K
= (5.00 mm)
.197" DIA
Polyimide
Film Pick &
Place Pad
(-RA only)

-TR
= Tape &
Reel

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



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
-02.0	(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

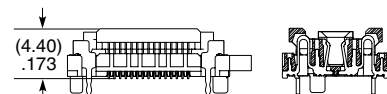
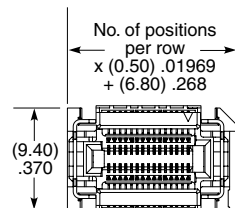
-L
= 10 μ"
(0.25 μm)
Gold on
contact,
Matte Tin
on tail

-TH
= Through-hole
weld tab

-K
= (8.25 mm)
.325" DIA
Polyimide
Film Pick &
Place Pad

-TR
= Tape & Reel

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



ALSO AVAILABLE
MOQ Required

Other lead counts
Surface mount weld tab

Notes:

Floating contact system provides 0.50 mm float in X and Y directions.

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

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Board to Board & Mezzanine Connectors](#) category:

Click to view products by [Samtec](#) manufacturer:

Other Similar products are found below :

[589158040000018](#) [MDF7C-18P-2.54DSA\(55\)](#) [FCN-230C068-11](#) [FCN-268F012-G/BD](#) [FCN-268F036-G/BD](#) [FCN-268M012-G/0D](#) [FCN-268M024-G/1D](#) [FCN-723J004/1](#) [MIS-048-01-F-D-DP-K](#) [832-10-034-10-001000](#) [FX4C-80S-1.27DSA](#) [FCN-214Q030-G/0](#) [FCN-234P048-G/0](#) [FCN-235D050-G/C](#) [210-93-314-41-105000](#) [2-22603-0](#) [MDF7-40DP-2.54DSA\(55\)](#) [AXG720047](#) [5031084030](#) [MIT-114-03-F-D-K](#) [55323-1519](#) [DF33-2P-3.3DSA\(24\)](#) [YFT-20-05-H-03-SB-K](#) [503308-3040](#) [026-6203-PDB](#) [027-6203-PDB](#) [069159702701000](#) [10123981-102LF](#) [101A10019X](#) [55650-0588-C](#) [68684-306](#) [75140-7012](#) [589159005003045](#) [194261-1](#) [FCN-268F024-G0D](#) [10124054-515LF](#) [68685-603](#) [8-1616154-3](#) [MIS-019-01-F-D](#) [589159005002045](#) [541371078](#) [IL-WX-10PB-HF-B-E1000E](#) [FCN-268M024-G/3D](#) [20021832-06016C1LF](#) [KX15-20KLDL-E1000E](#) [MDF7-16DP-2.54DSA\(55\)](#) [AXE810124](#) [FCN-214J100-G/0](#) [FCN-230C068-E/S](#) [AXE812124](#)