

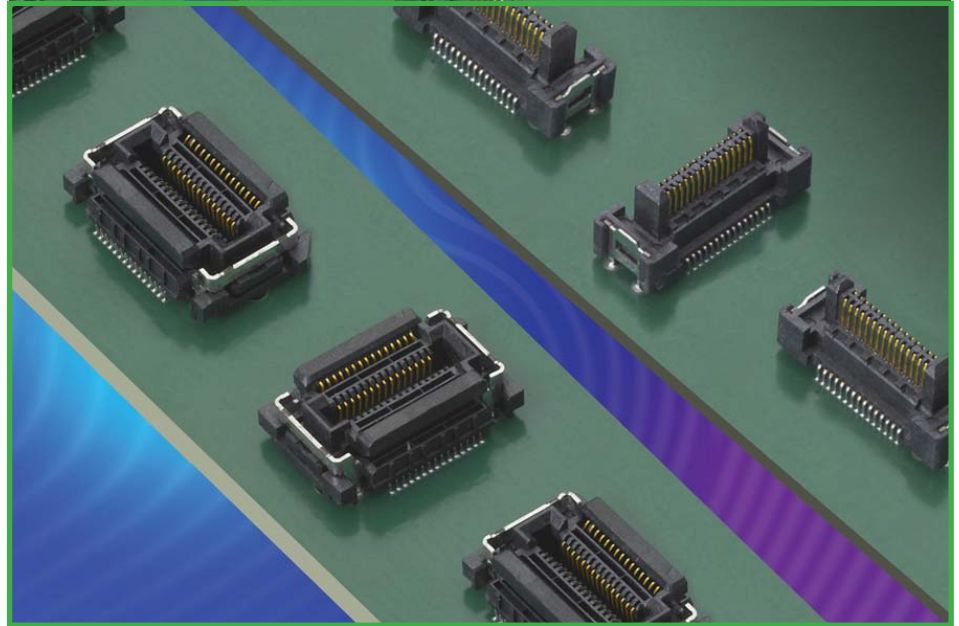
Floating Contact System

New Micro Pitch Floating Contact System Extends Mating Tolerances

Samtec has introduced a new micro pitch interconnect ideal for multiple-connector, Board-to-Board applications facing potential misalignment issues. With a floating contact system that provides .5mm of float in the X and Y directions, the connectors can absorb location errors during mounting of the connectors on the PCB or due to gaps created when the PCBs are secured after the connectors are mated.

The Floating Contact System Terminals ([FT5 Series](#)) and Sockets ([FS5 Series](#)) form a highly reliable, high performance, surface mount system available on a narrow .5mm (.0197") pitch with 30 or 60 contacts (15 or 30 per row) in a dual row design.

The FS5 Series socket has a standard 4mm body height,



while the FT5 Series terminal is available in 1mm or 3mm body heights. A choice of 5mm or 7mm overall mated heights are available as standard. A right angle version ([FT5-RA](#)) is in design for micro backplane applications.

A through-hole weld tab for further stability in rugged or harsh environments is standard.

For more information contact our Rugged Group at rugged@samtec.com

FS5

Floating contacts provide .5mm float

Through-hole weld tabs

FT5

FT5/FS5 Series
Ideal for: Multi-connector board-to-board applications
Pitch: .5mm (.0197")
Rows: Dual
Contacts: 30 or 60
Mated height: 5mm and 7mm
Orientation: Vertical and right angle
(In design, terminal only)

FT5 - Right Angle (In Design)