

Series: FS5/FT5 Series

Description: High Speed Floating Contact, Board-to-Board, 7mm Stack Height, 0.5mm Pitch,

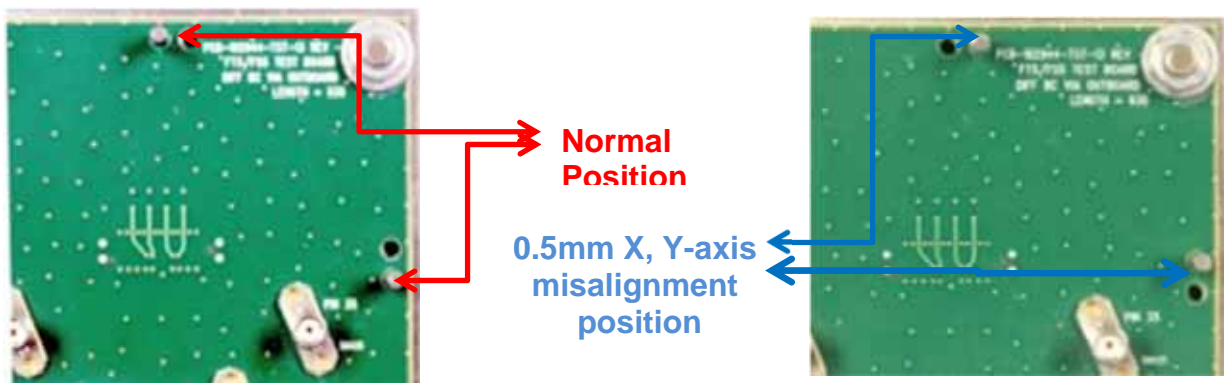
Connector Overview

Samtec's FS5/FT5 Interconnect System contacts float 0.5mm on the X and Y-axis. The system minimizes misalignment and is ideal for multiple connector board-to-board applications. The connector system features either 15 or 30 contacts per row and is available in 5mm and 7mm stack heights. The data in this report is applicable only to the 7mm stack height.

Since the contact system floats, there is a potential for variance to the electrical performance. To track the possible changes in electrical performance, tests are performed in a normal mating position and again after the system is floated to the maximum .5mm X and .5mm Y misalignment position.

*The normal mating position of the connector is referred to as "Case 1"

*The maximum 0.5mm X and Y misalignment positions are referred to as "Case 2"
The normal and misalignment positions are illustrated in the following figures.



Connector System Speed Rating

FS5/FT5 Floating Contact Strip, 7mm Stack Height Board-to-Board, 0.5mm Pitch,

<u>Case</u>	<u>Signaling</u>	<u>Speed Rating</u>
1	Single-Ended:	5.5 GHz/ 11Gbps
	Differential:	5.5 GHz/ 11Gbps
2	Single-Ended:	5.5 GHz/ 11Gbps
	Differential:	5.5 GHz/ 11Gbps