

**Series:** MEC8-RA Series

**Description:** Mini Edge Card Right Angle, 0.8mm Pitch, mates to 1.6mm thick card

## Connector Overview

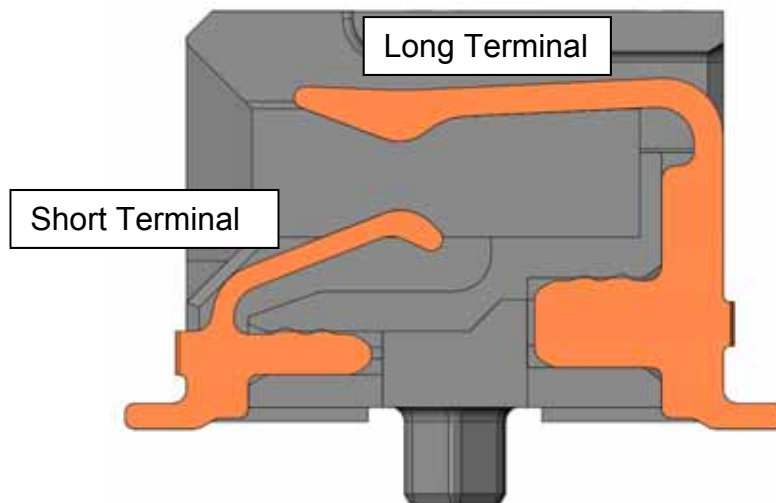
The MEC8-RA series is a double row, mini edge-card socket connector on a 0.8mm (0.0315") pitch and available up to 100 pins. The data in this report is applicable to MEC8 right angle socket connector mated to 1.6mm (0.062") thick card.

MEC8-RA possesses two terminal types, with each terminal type having different performance. The signal integrity performance of these two terminal types is documented in this report. The terminology used to define which connector terminal is as follows:

\*The short terminal of the connector is referred to as "Case 1"

\*The long terminal of the connector is referred to as "Case 2"

This is illustrated in the following figure:



## Connector System Speed Rating

MEC8-RA Mini Edge-Card Series, 0.8mm Pitch, mates to 1.6mm thick card

<u>Case</u>	<u>Signaling</u>	<u>Speed Rating</u>
1 (Short Row)	Single-Ended:	<b>8.5 GHz/ 17 Gbps</b>
	Differential:	<b>9.5 GHz/ 19 Gbps</b>
2 (Long Row)	Single-Ended:	<b>8.5 GHz/ 17 Gbps</b>
	Differential:	<b>8 GHz/ 16 Gbps</b>