

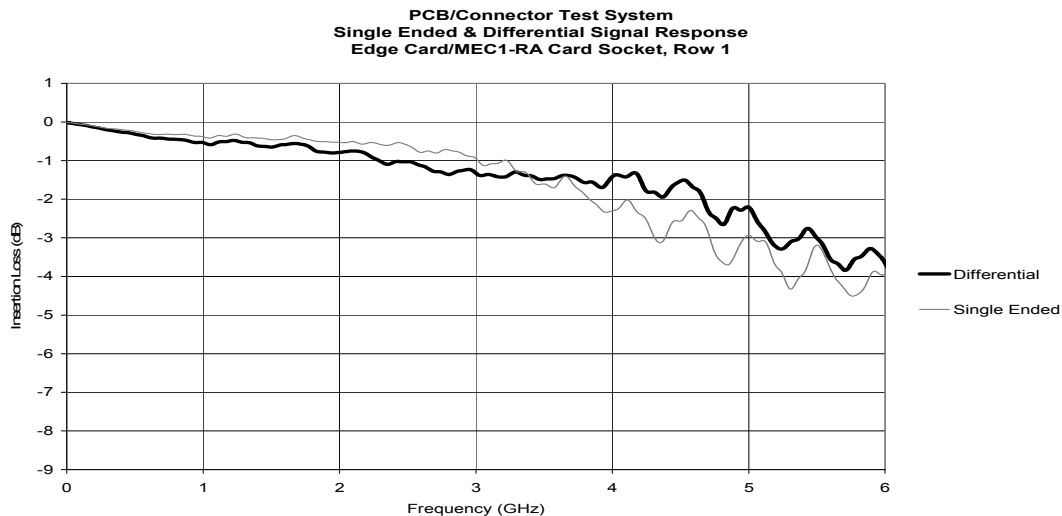
**Series:** MEC1- RA1 Series

**Description:** Right Angle Body Style, 1.0mm (.03937") Pitch, Mates w/ 1.60mm (.062") cards

## Frequency Domain Data Summary (Row 1 - Inner)

Table 1 - Single-Ended Connector System Performance		
Test Parameter	Configuration	
Insertion Loss	GSG	-3dB @ 4.32 GHz
Return Loss	GSG	≤ -5dB to 4.32 GHz
Near-End Crosstalk	GAQG	≤ -5dB to 4.32 GHz
	GAGQG	≤ -18dB to 4.32 GHz
	Xrow, GAG to QQG	≤ -28dB to 4.32 GHz
Far-End Crosstalk	GAQG	≤ -10dB to 4.32 GHz
	GAGQG	≤ -15dB to 4.32 GHz
	Xrow, GAG to QQG	≤ -28dB to 4.32 GHz

Table 2 - Differential Connector System Bandwidth		
Test Parameter	Configuration	
Insertion Loss	GSSG	-3dB @ 5.16 GHz
Return Loss	GSSG	≤ -5dB to 5.16 GHz
Near-End Crosstalk	GAAQQG	≤ -20dB to 5.16 GHz
	GAAGQQG	≤ -35dB to 5.16 GHz
	Xrow, GAASSG to GQQG	≤ -44dB to 5.16 GHz
Far-End Crosstalk	GAAQQG	≤ -25dB to 5.16 GHz
	GAAGQQG	≤ -38dB to 5.16 GHz
	Xrow, GAASS to GQQG	≤ -44dB to 5.16 GHz



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## Frequency Domain Data Summary (Row 2 - Outer)

Table 3 - Single-Ended Connector System Performance		
Test Parameter	Configuration	
Insertion Loss	GSG	-3dB @ 3.00 GHz
Return Loss	GSG	≤ -3dB to 3.00 GHz
Near-End Crosstalk	GAQG	≤ -5dB to 3.00 GHz
	GAGQG	≤ -22dB to 3.00 GHz
	Xrow, GAG to QQG	≤ -30dB to 3.00 GHz
Far-End Crosstalk	GAQG	≤ -12dB to 3.00 GHz
	GAGQG	≤ -22dB to 3.00 GHz
	Xrow, GAG to QQG	≤ -32dB to 3.00 GHz

Table 4 - Differential Connector System Bandwidth		
Test Parameter	Configuration	
Insertion Loss	GSSG	-3dB @ 3.52 GHz
Return Loss	GSSG	≤ -3dB to 3.52 GHz
Near-End Crosstalk	GAAQQG	≤ -18dB to 3.52 GHz
	GAAGQQG	≤ -35dB to 3.52 GHz
	Xrow, GAASSG to GQQG	≤ -32dB to 3.52 GHz
Far-End Crosstalk	GAAQQG	≤ -25dB to 3.52 GHz
	GAAGQQG	≤ -35dB to 3.52 GHz
	Xrow, GAASS to GQQG	≤ -44dB to 3.52 GHz

