

**Series:** MTCA-SMT

**Description:** Micro TCA Connector, 0.75mm Pitch, Surface-Mount

## Frequency Domain Data Summary

<b>Table 1 - Single-Ended Connector System Performance</b>		
<b>Test Parameter</b>	<b>Configuration</b>	
<b>Insertion Loss</b>	GSG	-3dB @12.00GHz
<b>Return Loss</b>	GSG	-3.92 @12.00GHz
<b>Near-End Crosstalk</b>	GAQG	-7.41 @12.00GHz
	GAGQG	-33.01 @12.00GHz
	Xrow, GAG to GQG	-29.60 @12.00GHz
<b>Far-End Crosstalk</b>	GAQG	-20.20 @12.00GHz
	GAGQG	-22.11 @12.00GHz
	Xrow, GAG to GQG	-34.49 @12.00GHz

<b>Table 2 - Differential Connector System Performance</b>		
<b>Test Parameter</b>	<b>Configuration</b>	
<b>Insertion Loss</b>	GSSG	-3dB @11.20GHz
<b>Return Loss</b>	GSSG	-3.68 @11.20GHz
<b>Near-End Crosstalk</b>	GAAQQG	-21.93 @11.20GHz
	GAAGQQG	-51.09 @11.20GHz
	Xrow, GAAG to GQQG	-39.65 @11.20GHz
<b>Far-End Crosstalk</b>	GAAQQG	-27.55 @11.20GHz
	GAAGQQG	-39.61 @11.20GHz
	Xrow, GAAG to GQQG	-48.02 @11.20GHz

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## Bandwidth Chart – Single-Ended & Differential Insertion Loss

MTCA Connector Series

