

Series: QRM8-RA/QRF8-RA Q Rate® Slim Body Integral Ground Plane

Description: Right Angle-to-Right Angle, 0.8mm (.0315") Pitch

Frequency Domain Data Summary

Table 1 - Single-Ended Connector System Performance Case 3 = Short Row; Case 4 = Long Row			
Case	Test Parameter	Configuration	
3	Insertion Loss	GSG	3dB @ 14.1 GHz
	Return Loss	GSG	>10dB to 5.8 GHz
	Near-End Crosstalk	GAQG	< -20dB to 0.725 GHz
		GAGQG	< -20dB to 20.0 GHz
	Far-End Crosstalk	GAQG	< -20dB to 5.6 GHz
GAGQG		< -20dB to 5.5 GHz	
4	Insertion Loss	GSG	3dB @ 9.0 GHz
	Return Loss	GSG	>10dB to 9.0 GHz
	Near-End Crosstalk	GAQG	< -20dB to 0.388 GHz
		GAGQG	< -20dB to 8.9 GHz
		Xrow, GAG to GQG	< -20dB to 20.0 GHz
	Far-End Crosstalk	GAQG	< -20dB to 5.6 GHz
		GAGQG	< -20dB to 8.9 GHz
Xrow, GAG to GQG		< -20dB to 20.0 GHz	

Table 2 - Differential Connector System Performance Case 3 = Short Row; Case 4 = Long Row			
Case	Test Parameter	Configuration	
3	Insertion Loss	GSSG	3dB @ 16.0 GHz
	Return Loss	GSSG	>10dB to 7.9 GHz
	Near-End Crosstalk	GAAQQG	< -20dB to 6.6 GHz
		GAAGQQG	< -20dB to 20.0 GHz
	Far-End Crosstalk	GAAQQG	< -20dB to 13.4 GHz
GAAGQQG		< -20dB to 20.0 GHz	
4	Insertion Loss	GSSG	3dB @ 12.7 GHz
	Return Loss	GSSG	>10dB to 11.0 GHz
	Near-End Crosstalk	GAAQQG	< -20dB to 15.0 GHz
		GAAGQQG	< -20dB to 20.0 GHz
		Xrow, GAAG to GQQG	< -20dB to 20.0 GHz
	Far-End Crosstalk	GAAQQG	< -20dB to 15.1 GHz
		GAAGQQG	< -20dB to 20.0 GHz
Xrow, GAAG to GQQG		< -20dB to 20.0 GHz	

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Bandwidth Chart – Single-Ended & Differential Insertion Loss

Case 3 = Short Row Case 4 = Long Row

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