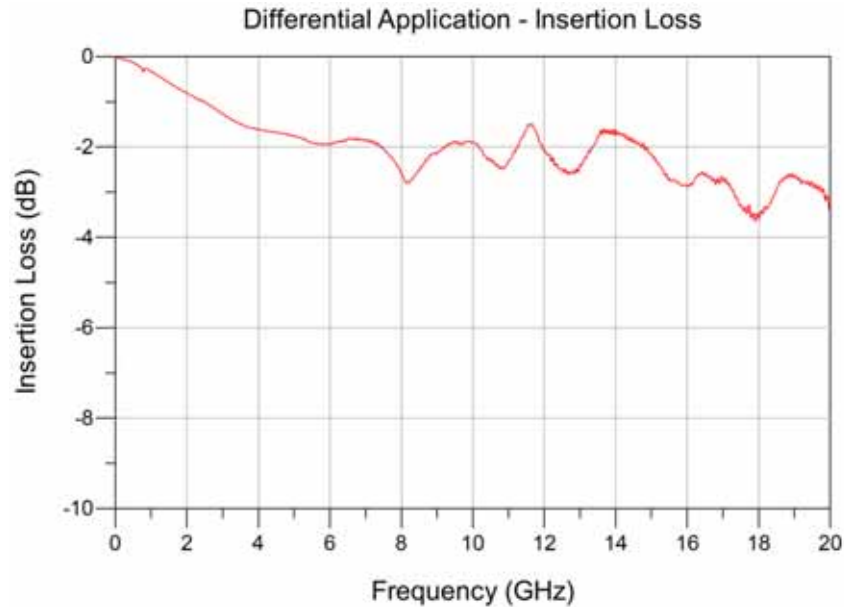


Series: QRM8-DP / QRF8-DP Series

Description: Differential Pair Configuration, 7mm (.276") Stack Height, 0.8mm (.0315") Pitch

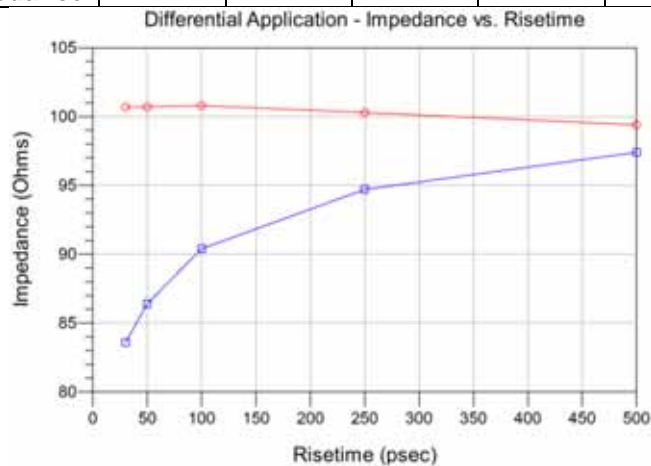
Bandwidth Chart – Differential Insertion Loss

QRM8-DP/QRF8-DP Connector Series



Time Domain Data Summary

Table 2 - Differential Impedance (Ω)					
Signal Risetime	30ps	50ps	100ps	250ps	500ps
Maximum Impedance	100.7	100.7	100.8	100.3	99.4
Minimum Impedance	83.6	86.4	90.4	94.7	97.4



Series: QRM8-DP / QRF8-DP Series

Description: Differential Pair Configuration, 7mm (.276”) Stack Height, 0.8mm (.0315”) Pitch

Table 3 - Differential Crosstalk (%)								
Input(t _r)		Driver	Receiver	30ps	50ps	100ps	250ps	500ps
NEXT	GAAQQG	QRM8_25,27	QRM8_29,31	4.28	3.73	3.26	2.06	1.26
	Xrow	QRM8_25,27	QRM8_26,28	3.16	2.57	1.57	0.84	0.52
FEXT	GAAQQG	QRM8_25,27	QRF8_29,31	4.60	3.94	3.20	1.93	1.11
	Xrow	QRM8_25,27	QRF8_26,28	2.28	1.85	1.29	0.81	0.49

Table 4 - Propagation Delay (Mated Connector)	
Differential	60 ps