

Series: MEC6

Description: Vertical Surface Mount, 0.635mm (.025") Pitch, Mates w/ 1.60mm (.062") card

Frequency Domain Data Summary

Table 1 - Single-Ended Connector System Performance		
Test Parameter	Configuration	
Insertion Loss	GSG	-3dB @ 7.36 GHz
Return Loss	GSG	≤ -5dB to 7.36 GHz
Near-End Crosstalk	GAQG	≤ -5dB to 7.36 GHz
	GAGQG	≤ -20dB to 7.36 GHz
	Xrow, GAG to QQG	≤ -25dB to 7.36 GHz
Far-End Crosstalk	GAQG	≤ -15dB to 7.36 GHz
	GAGQG	≤ -20dB to 7.36 GHz
	Xrow, GAG to QQG	≤ -28dB to 7.36 GHz

Table 2 - Differential Connector System Bandwidth		
Test Parameter	Configuration	
Insertion Loss	GSSG	-3dB @ 6.94 GHz
Return Loss	GSSG	≤ -5dB to 6.94 GHz
Near-End Crosstalk	GAAQQG	≤ -18dB to 6.94 GHz
	GAAGQQG	≤ -38dB to 6.94 GHz
	Xrow, GAASSG to GQQG	≤ -42dB to 6.94 GHz
Far-End Crosstalk	GAAQQG	≤ -25dB to 6.94 GHz
	GAAGQQG	≤ -32dB to 6.94 GHz
	Xrow, GAASS to GQQG	≤ -40dB to 6.94 GHz

**PCB/Connector Test System
Single Ended & Differential Signal Response
LEC6 to MEC6-DV**

