

Series: HSEC8-DV

Description: High Speed Edge Card Socket, Vertical Surface Mount,
0.8mm (0.0315") Pitch, Mated with 1.60mm (.062") thick load card

Frequency Domain Data Summary

Table 1 - Single-Ended Connector System Performance		
Test Parameter	Configuration	
Insertion Loss	GSG	3dB@ 16.9 GHz
Return Loss	GSG	>10dB to 10.9 GHz
Near-End Crosstalk	GAQG	<-20dB to 1 GHz
	GAGQG	<-20dB to 20 GHz
	Xrow, GAG to GQG	<-20dB to 20 GHz
Far-End Crosstalk	GAQG	<-20dB to 6.1 GHz
	GAGQG	<-20dB to 17.3 GHz
	Xrow, GAG to GQG	<-20dB to 20 GHz

Table 2 - Differential Connector System Performance		
Test Parameter	Configuration	
Insertion Loss	GSSG	3dB@ 15.3 GHz
Return Loss	GSSG	>10dB to 12.3 GHz
Near-End Crosstalk	GAAQQG	<-20dB to 20 GHz
	GAAGQQG	<-20dB to 20 GHz
	Xrow, GAAG to GQQG	<-20dB to 20 GHz
Far-End Crosstalk	GAAQQG	<-20dB to 20 GHz
	GAAGQQG	<-20dB to 20 GHz
	Xrow, GAAG to GQQG	<-20dB to 20 GHz

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Bandwidth Chart – Single-Ended & Differential Insertion Loss

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