



**SUMMARY TEST DATA
ON
PEC-20M3G-8T-SFGM-LV**

PL23742/1843

Customer: _____ Tested By: E. Kretz
SO No: _____ Temperature: +25°C
Model No: PEC-20M3G-8T-SFGM-LV Date: 10/24/24
Serial No: PL23742/1843 Drawing No: 27604819 Rev: A1

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC	
1	Frequency Range:	20 – 3000 MHz	Pass	PMI QA 1	
2	Insertion Loss (Max):	.02 – 1.0 GHz 2.0 dB 1.0 – 2.0 GHz 2.5 dB 2.0 – 3.0 GHz 4.0 dB	Pass		
3	Isolation (Min):	.02 – 1.0 GHz 70 dB 1.0 – 2.0 GHz 60 dB 2.0 – 3.0 GHz 50 dB	Pass		
4	VSWR (Max):	.02 – 1.0 GHz 1.8 : 1 1.0 – 2.0 GHz 1.9 : 1 2.0 – 3.0 GHz 2.0 : 1	Pass		
5	Input 1dB Compression Point (Min/Typ):	.02 – 1.0 GHz +23/25 dB 1.0 – 2.0 GHz +27/29 dB 2.0 – 3.0 GHz +30/32 dB	Pass		
6	Amplitude Balance:	+/- 0.25 dB	Pass		
7	Phase Balance:	+/- 6.0 degrees	Pass		
8	Video Transients:	Above 20 MHz -100 dBm Below 20 MHz -75 dBm	Pass		
9	DC Supply:	+5VDC 450mA max -12VDC 350mA max	+320mA -275mA		PMI QA 1

QA/QC Approval: _____

PMI
QA 1

Date: _____

10/25/18



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Typical Insertion Loss and Return Loss



Typical Isolation

