



SUMMARY TEST DATA ON P4T-100M40G-110-T-512-292FF-IND

Customer: _____
 SO No: _____
 Model No: P4T-100M40G-110-T-512-292FF-IND
 Serial No: PL36004/2213

Tested By: K. Mansfield
 Temperature: +25° C
 Date: 3/24/2022
 Drawing No: 27623226 Rev: A1

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC	
1	Frequency Range:	0.1 to 40 GHz	0.1 to 40 GHz	PMI QA 2	
2	Isolation:	100 dB Min. (0.3 to 18 GHz) 90 dB Min. (18 to 26.5 GHz) 80 dB Min. (0.1 to 0.3 GHz) 80 dB Min.(26.5 to 40 GHz)	100 dB (0.3 to 18 GHz) 98 dB (18 to 26.5 GHz) 108 dB (0.1 to 0.3 GHz) 83 dB (26.5 to 40 GHz) See Plot		
3	Insertion Loss:	6 dB Max. (0.3 to 18 GHz) 8 dB Max. (0.1 to 0.3 GHz) 8 dB Max. (18 to 26.5 GHz) 10 dB Max. (26.5 to 40 GHz)	4.3 dB (0.3 to 18 GHz) 1.7 dB (0.1 to 0.3 GHz) 4.8 dB (18 to 26.5 GHz) 7.2 dB (26.5 to 40 GHz) See Plot		
4	VSWR:	2.0:1 Typ. 2.75:1 Max.	2.72:1 In 2.7:1 Out 2.67:1 Term. See Plot		
5	Operating Input Power:	+20 dBm CW	See Typical Characteristics		
6	RF Switching Speed:	100 ns Max.	See Typical Characteristics		
7	DC Voltage:	+5 V @ 200 mA Max. -12 V @ 100 mA Max.	+5 V @ 131 mA -12 V @ 53 mA		
8	Control Signal:	4 Line Independent Logic "0" = Insertion Loss Logic "1" = Isolation	Pass		PMI QA 2

QA/QC Approval: _____

PMI
QA 2

Date: 3/29/2022



SUMMARY TEST DATA ON P4T-100M40G-110-T-512-292FF-IND

PL36004/2213

