



**SUMMARY TEST DATA  
ON  
P16T-100M27G-100-T-DEC**

Customer: NSI-MI, CA  
 SO No: 20230329-01-PE  
 Model No: P16T-100M27G-100-T-DEC  
 Serial No: PL44032/2404

Tested By: S. O'Neill  
 Temperature: 25°C  
 Date: 1/30/2024  
 Drawing No: 27646920 Rev: A1

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range	0.1 GHz to 27 GHz	<b>0.1 GHz to 27 GHz</b>	
2	Insertion Loss	8 dB Typ., 0.1-18 GHz 10 dB Typ., 18-27 GHz	<b>7.17 dB 9.41 dB</b>	
3	VSWR: In/Out	2.5:1 Typ., 0.1-18 GHz 3:1 Typ., 18-27 GHz	<b>2.38:1 2.62:1</b>	
5	Isolation	70 dB Typ., 0.1-1 GHz 90 dB Typ., 1-18 GHz 80 dB Typ., 18-27 GHz	<b>102.9 dB 93.1 dB 90.3 dB</b>	
6	Input Power	20 dBm CW Max Operating	<b>Pass See Typical Characteristics</b>	
7	Switching Speed Max	100 ns Max.	<b>Pass See Typical Characteristics</b>	
8	Power Supply	5 V @ 1100 mA -12 V @ 720 mA	<b>5 V @ 1000 mA -12 V @ 370 mA</b>	

QA/QC Approval: \_\_\_\_\_

Date: \_\_\_\_\_

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