



**SUMMARY TEST DATA
ON
TD-1G12G-RL-CD-SFF**

PL22975/1826

Customer: _____ Tested By: E. Kretz
SO No: _____ Temperature: +25°C
Model No: TD-1G12G-RL-CD-SFF Date: 07/02/18
Serial No: PL22975/1826 Drawing No: 27623443 Rev: A1

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	PASS FAIL	QA QC
1	Frequency Range:	1 TO 12.0 GHz Minimum	1 TO 12.0 GHz	PMI QA1
2	VSWR:	3.0: 1 Typical	2.7: 1 See Plot	
3	Dynamic Range:	-30dBm to +10dBm	Pass	
4	Threshold Variation: (with Frequency)	± 1.5 dB Maximum	+/- 0.6 dB	
5	Propagation Delay	10ns Typical 3dB above Threshold Setting (50% RF Input to 50% Logic at -10dBm)	10ns	
6	Min Pulse Width:	50 ns Typical	Pass	
7	Output	TTL 0: Input Power > Threshold Setting TTL 1: Otherwise	Pass	
8	Temperature Stability	1.0 dB Typical 3 dB Above Threshold Setting	Pass	
9	Threshold Setting Control:	0 to +5 Volts	0.2 to 4.5 Volts	
10	Threshold Level Setting Range:	-30 to -10 dBm	-31.0 to -9.7 dBm	
11	Maximum Input Power:	100 mW CW	Pass	
12	DC Supply:	+5 VDC @ 100mA Typical -5 VDC @ 100mA Typical	+5 VDC @ 75.1 mA -5 VDC @ 27.2 mA	PMI QA1

QA/QC Approval: _____

PMI
QA1

Date: _____

7/2/18

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