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

PL24625/1908

Customer:		**Tested By:**	Simon K.
SO No:		**Temperature:**	+25°C
Model No:	TD-1G12G-RL-CD-SFF	**Date:**	02/21/19
Serial No:	PL24625/1908	**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 See Plot**	PMI QA 1
2	VSWR:	3.0: 1 Typical	**2.59 : 1 See Plot**	
3	Dynamic Range:	-30dBm to +10dBm	**-30dBm to +10dBm**	
4	Threshold Variation: (with Frequency)	± 1.5 dB Maximum	**± 0.80 dB**	
5	Propagation Delay	10ns Typical 3dB above Threshold Setting (50% RF Input to 50% Logic at -10dBm	**11 ns See Typical Characteristics**	
6	Min Pulse Width:	50 ns Typical	**50 ns**	
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 to +5 Volts**	
10	Threshold Level Setting Range:	-30 to -10 dBm	**-30 to -9.3 dBm**	
11	Maximum Input Power:	100 mW CW	**Pass**	
12	DC Supply:	+5 VDC @ 100mA Typical -5 VDC @ 100mA Typical	**+5 VDC @ 73.6 mA -5 VDC @ 27.5 mA**	PMI QA 1

QA/QC Approval: PMI QA 1 **Date:** 2/26/19

4921 Robert J Mathews Pkwy, El Dorado Hills CA 95762 Phone: 916-542-1401, Fax: 916-265-2597
Email: sales@pmi-rf.com

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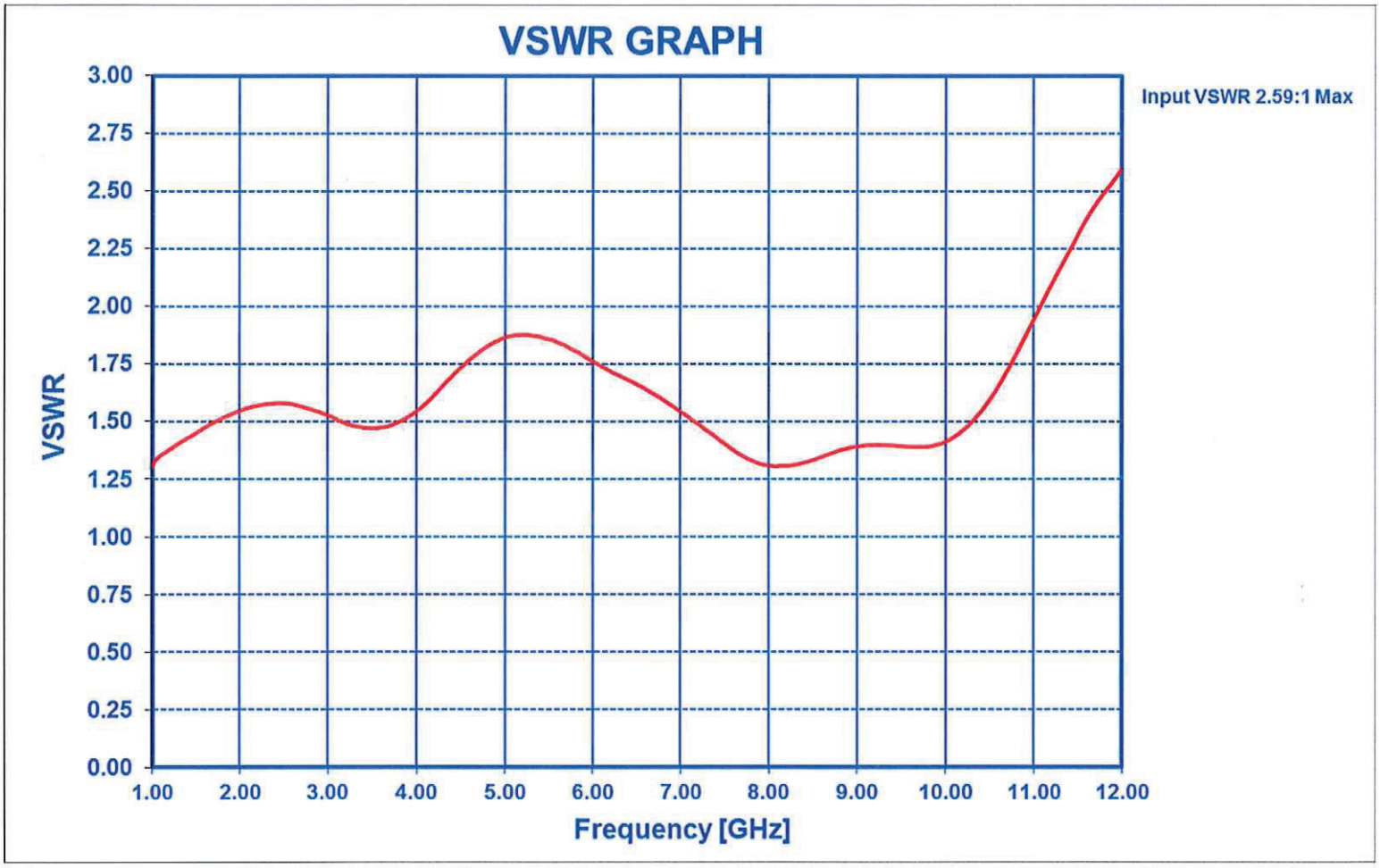
ON
TD-1G12G-RL-CD-SFF

PL24625/1908

VSWR @ 25C



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