



SUMMARY TEST DATA ON THRESHOLD DETECTOR

Customer :
Job No :
Model No : TD-30T-SHS-218
Serial No : PL6122

Tested By : Hugo Gonzales
Temperature : +25°C
Date : 09/03/09

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	MEASURED VALUE	REMARKS QA/QC
1	Frequency Range:	2.0 GHz TO 18.0 GHz	2.0 GHz TO 18.0 GHz	
2	VSWR:	3.0 :1 Max @ -20 dBm	2.95:1	
3	Minimum Signal Level for Logic 1:	-20 dBm @ 2.0 GHz -17 dBm @ 18.0 GHz	-20.4 dBm@2GHz -17.0 dBm@18GHz (Pulsed Input)	
4	Minimum Signal Level for Logic 0:	-25 dBm	-20.7 dBm (2 GHz)	
5	Threshold Variation over Frequency (any 1GHz window):	± 0.5 dB	<0.5 dB	
6	Propagation Delay from 50% of an input of -20 dBm:	15 nS Max	11.6 nSec (ON) 5.9 nSec(OFF)	
7	Propagation Delay from 50% of an input of +10 dBm:	15 nS Max	2.8 nSec (ON) 14.7 nSec(OFF)	
8	DC Supply:	100mA @ +15VDC Max 100mA @ -15VDC Max	+54 mA -46 mA	

Production Manager Approval: _____ Date: _____

QA/QC Approval: _____ Date: _____

7311-F Grove Road, Frederick, MD 21704 USA Phone: (301)662-5019 Fax: (301)662-1731
 email: sales@pmi-rf.com