



PLANAR MONOLITHICS INDUSTRIES
 7311G GROVE ROAD, FREDERICK, MD21704
 TEL: 301-631-1579 FAX: 301-662-4938
 URL: WWW.PLANARMONOLITHICS.COM
 E-MAIL: SALES@PLANARMONOLITHICS.COM
 ISO 9001:2000 CERTIFIED

**SUMMARY TEST DATA
 ON
 THRESHOLD DETECTOR**

CUSTOMER: _____ JOB NO: P611049
 MODEL NO: TD-30T-SHS-218 TESTED BY: Loc Chau
 OPTION NO: _____ TEMPERATURE: +25° C
 SERIAL NO: PM612695 DATE: 3/5/2007

TEST ITEM NO:	PARAMETERS	SPECIFIED VALUE	MEASURED VALUE	REMARKS QA/QC
1	FREQUENCY RANGE	2 TO 18 GHz	2 TO 18 GHz	
2	MINIMUM SIGNAL LEVEL FOR LOGIC "1"	-20 dBm @ 2 GHz, -17 dBm @ 18 GHz	-20 dBm @ 2 GHz, -18 dBm @ 18 GHz	
3	MINIMUM SIGNAL LEVEL FOR LOGIC "0"	-25 dBm TYPICAL	-21 dBm	
4	THRESHOLD VARIATION OVER FREQUENCY FOR ANY 1 GHz WINDOW	± 0.5 dB TYPICAL	± 0.5 dB	
5	PROPAGATION DELAY FROM 50% OF AN INPUT OF -20 dBm	15 nSec MAXIMUM	14 nS	
6	PROPAGATION DELAY FROM 50% WHEN INPUT OF -10 dBm	15 nSec MAXIMUM	12 nS	
7	DYNAMIC RANGE	-20 dBm TO +10 dBm	-20 dBm TO +10 dBm	
8	VSWR INPUT	3.0:1 @ -20 dBm	2.89:1	
9	PROPAGATION DELAY	15 nSec	15 nS	
10	POWER PLUS	+15 VDC @ 100 mA MAXIMUM	24 mA	
11	POWER MINUS	-15 VDC @ 100 mA MAXIMUM	68 mA	

PRODUCTION MANAGER APPROVAL: _____

DATED: _____

QA/QC APPROVAL: _____

DATED: 3/6/07

Q2