



**SUMMARY TEST DATA
ON
TD-30T-SHS-218-12G18G-PECL**

Customer: _____ Tested By: K. Mansfield
 SO No: _____ Temperature: +25°C
 Model No: TD-30T-SHS-218-12G18G-PECL Date: 5/31/2023
 Serial No: PL40837/2322 Drawing No: 27619243 Rev: A1

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC	
1	Frequency Range:	2 TO 18 GHz (Optimized 12 – 18 GHz)	2 TO 18 GHz (Optimized 12 – 18 GHz)	PMI QA2	
2	VSWR:	3.0: 1 Max @ -20dBm	2.4:1 (See Plot)		
3	Minimum Signal Level for Logic 1:	-20 dBm @ 2.0 GHz -17 dBm @ 18.0 GHz	-20 dBm @ 2.0 GHz -17 dBm @ 18.0 GHz		
4	Threshold Variation over Frequency (Any 1 GHz Window)	± 0.5 dB	±0.5 dB		
5	Minimum Signal Level for Logic 0	-25 dBm	-20 dBm		
6	Dynamic Range:	+10 dBm Max	See Typical Characteristics		
7	Propagation Delay from 50% of an input of -20 dBm	15 ns Max	See Typical Characteristics		
8	Propagation Delay from 50% of an input of +10 dBm	15 ns Max	See Typical Characteristics		
9	Output Logic:	LVPECL Compatible	LVPECL Compatible		
10	DC Supply:	+15VDC @ 100 mA Max -15VDC @ 100 mA Max	+15VDC @ 87 mA -15VDC @ 36 mA		PMI QA2

QA/QC Approval: _____

PMI
QA2

Date: _____

5/31/2023



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