

**SUMMARY TEST DATA
ON
PEC-30-10M20-SFF**

Customer: _____
SO No: _____
Model No: PEC-30-10M20-SFF
Serial No: PL40059/2313

Tested By: K. Mansfield
Temperature: +25° C
Date: 3/29/2023
Drawing No: 27633840 REV: A2

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	Test Results	QA QC
1	Frequency Range:	10 MHz to 20.0 GHz	10 MHz to 20.0 GHz	PMI QA2
2	Gain:	26 dB Typ. (10 MHz to 18 GHz) 28 dB Typ. (18 to 20 GHz)	+27 dB Min. +28.7 dB Min. See Plot	
3	Gain Flatness:	±2.0 dB Typ. (10 MHz to 18 GHz) ±2.5 dB Typ. (18 to 20 GHz)	±1.41 dB ±0.32 dB See Plot	
4	Noise Figure:	3.0 dB Typ. (20 MHz to 0.5 GHz) 2.5 dB Typ. (0.5 MHz to 18 GHz) 3.3 dB Typ. (18 to 20 GHz)	4 dB 2.8 dB 3.1 dB See Plot	
5	OP1dB:	+14 dBm Typ. (10 MHz to 18 GHz) +13 dBm Typ. (18 to 20 GHz)	+16 dBm +16.4 dBm See Plot	
6	Psat	+13 dBm Min.	+17 dBm See Plot	
7	VSWR Input	2.0:1 Max. (10 MHz to 18 GHz) 2.2:1 Typ. (18 to 20 GHz)	1.9:1 1.69:1 See Plot	
8	VSWR Output:	2.1:1 Max. (10 MHz to 18 GHz) 2.4:1 Typ. (18 to 20 GHz)	2.02:1 2.33:1 See Plot	
9	DC Supply:	+12 to +15 VDC @ 170 mA MAX.	156 mA	PMI QA2

QA/QC Approval:  PMI
QA2

Date: 3/31/2023



