



**SUMMARY TEST DATA
ON
PEC4-16-8G18G-4R7-18-15-SFF-OPTSL**

PL28659/2017

Customer: _____	Tested By: <u>JERRY WADE</u>
SO No: _____	Temperature: <u>+25°C</u>
Model No: <u>PEC4-16-8G18G-4R7-18-15-SFF-OPTSL</u>	Date: <u>04/23/20</u>
Serial No: <u>PL28659/2017</u>	Drawing No: <u>27628833</u> Rev: <u>A1</u>

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range:	8.0 to 18.0 GHz	8.0 to 18.0 GHz	ag 4-27
2	Gain @ 8.0 GHz:	13 dB Min, 16 dB Max	15.8dB (See Plot)	
3	Gain Flatness:	±1.50 dB Max	1.2dB (See Plot)	
4	Gain Slope to 18.0 GHz:	-2.5 dB to -3.5 dB	2.5dB (See Plot)	
5	Noise Figure:	4.7 dB Max	4.0dB (See Plot)	
6	OP1dB:	+18 dBm Typ.	20.1 dBm (See Plot)	
7	VSWR Input:	1.67:1 Max	1.42:1 (See Plot)	
8	VSWR Output:	2.25:1 Max	2.15:1 (See Plot)	
9	Maximum Input:	+30 dBm CW	Pass	↓
10	DC Supply:	+12.5 to +28 VDC @ 250 mA Typ.	184mA	ag 4/27

QA/QC Approval: Arthur Zimmerman Date: 4-27-2020

4921 Robert J. Mathews Parkway, Suite 1, El Dorado Hills, CA, 95762
Phone: (916) 542-1401 Fax: (916) 265-2597
Email: sales@pmi-rf.com



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GAIN & VSWR



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NOISE FIGURE





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P-1dB

