


SUMMARY TEST DATA
ON
PVVAN-4080-60-MP

Customer: _____ Tested By: K. Mansfield
 Job No: _____ Temperature: +25° C
 Model No: PVVAN-4080-60-MP Date: Friday, May 24, 2019
 Serial No: 92193 Drawing No: 27622596 Rev: A1
 Part No: _____

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC	
1	Frequency Range:	4.0 GHz to 8.0 GHz	4.0 GHz to 8.0 GHz	PMI QA 1	
2	Mean Attenuation Range:	60 dB	59.8 dB See Plot		
3	Insertion Loss:	2.5 dB Max.	2.1 dB See Plot		
4	VSWR:	2.0:1 Max	1.5:1 See Plot		
5	Power Rating:	+20 dBm (Operating) +30 dBm (Survival)	Pass		
6	Attenuation Flatness:	± 0.5 dB Typ. @ 10 dB ± 1.0 dB Typ. @ 20 dB ± 1.5 dB Typ. @ 40 dB ± 1.6 dB Typ. @ 60 dB	± 0.3 dB @ 10 dB ± 0.74 dB @ 20 dB ± 1.47 dB @ 40 dB ± 1.95 dB @ 60 dB See Plot		
7	Switching Time:	500 ns Max.	< 80 ns See Typical Characteristics		
8	Control:	10 dB / Volt Analog Controlled	Pass		
9	Power Supply:	+12 VDC @ 100 mA Typ. -12 VDC @ 50 mA Typ.	+12 VDC @ 30 mA -12 VDC @ 0 mA		PMI QA 1

Voltage Control (V)	Programmed Attenuation (dB)	Attenuation (dB)	Accuracy of Attenuation (dB)	Flatness (± dB)
1	10	11.44	1.44	0.30
2	20	21.09	1.09	0.74
3	30	30.96	0.96	1.17
4	40	40.36	0.36	1.47
5	50	50.16	0.16	1.71
6	60	59.82	-0.18	1.95

QA/QC Approval:  PMI QA 1 Date: 5/24/19

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