

SUMMARY TEST DATA
ON
PVVAN-4080-60-MP

Customer: _____
 Job No: _____
 Model No: PVVAN-4080-60-MP
 Serial No: 13034
 Part No: _____

Tested By: G.Radtke
 Temperature: +25° C
 Date: Wednesday, March 17, 2021
 Drawing No: 27622595 Rev: A1

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 2	
2	Mean Attenuation Range:	60 dB	59.9 dB See Plot		
3	Insertion Loss:	2.5 dB Max.	2 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 ± 0.78 dB @ 20 dB ± 1.57 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 @ 28 mA -12 VDC @ 0 mA		PMI QA 2

Voltage Control (V)	Programmed Attenuation (dB)	Attenuation (dB)	Accuracy of Attenuation (dB)	Flatness (± dB)
1	10	9.91	-0.09	0.30
2	20	20.19	0.19	0.78
3	30	30.78	0.78	1.25
4	40	40.66	0.66	1.57
5	50	50.07	0.07	1.77
6	60	59.91	-0.09	1.95

QA/QC Approval:   PMI QA 2 Date: 3/17/21

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