



**SUMMARY TEST DATA  
ON**

**PMSN-3DR-05-STANDARD-118-NI1-B06HPR-1W-B05HS25NS**

Customer: \_\_\_\_\_  
 SO No: \_\_\_\_\_  
 Model No: PMSN-3DR-05-STANDARD-118-NI1-B06HPR-1W-B05HS25NS  
 Serial No: PL30168/2036

Tested By: E. Marick  
 Temperature: +25° C  
 Date: 9/2/2020  
 Drawing No: 27630013 Rev: B1

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range:	1.0 GHz to 18.0 GHz	1.0 GHz to 18.0 GHz	PMI QA 2
2	Insertion Loss:	1.2 dB @ 1.0-4.0 GHz Max. 1.5 dB @ 4.0-8.0 GHz Max. 2.0 dB @ 8.0-12.4 GHz Max. 2.6 dB @ 12.4-18.0 GHz Max.	1.02 dB @ 1.0-4.0 GHz 1.39 dB @ 4.0-8.0 GHz 1.53 dB @ 8.0-12.4 GHz 2.11 dB @ 12.4-18.0 GHz See Plot	PMI QA 2
3	Isolation:	60 dB Min. @ 1.0-8.0 GHz Min. 60 dB Min. @ 8.0-12.4 GHz Min. 50 dB Min. @ 12.4-18.0 GHz Min.	87 dB @ 1.0-8.0 GHz 78 dB @ 8.0-12.4 GHz 70 dB @ 12.4-18.0 GHz See Plot	
4	VSWR:	1.75:1 @ 1.0-4.0 GHz Max. 1.75:1 @ 4-12.4 GHz Max. 2.0:1 @ 12.4-18.0 GHz Max.	1.12:1 @ 1.0-4 GHz 1.7:1 @ 4.0-12.4 GHz 1.55:1 @ 12.4-18.0 GHz See Plot	
5	Power Handling:	Reflective 1 Watt CW or Peak (Without Performance Degration)	1 Watt See Typical Characteristics	
6	Control input Impedance:	3.3/5.0V CMOS Logic	Pass	
7	Switching Speed:	Rise/Fall Time: 10 nsec Max. On Time: 25 nsec Max. Off Time: 20 nsec Max.	<10 nsec Rise/Fall <25 nsec On <20 nsec Off See Typical Characteristics	
8	Survival Power:	1 Watt Average 75 Watts Peak (1 sec Max. pulse Width)	1 Watt Average 75 Watts Peak See Typical Characteristics	
9	Power Supply:	+5 V ±5% @ 75 mA -12 V @ 30 mA Max.	+5 V @ 58 mA -12 V @ 25 mA	
10	Control Logic:	"0" = On @ 0V to 1.2V "1" = Off @ 3.3V to 5.5V	"0" = On @ 0V to 1.2V "1" = Off @ 3.3V to 5.5V	

QA/QC Approval: *[Signature]* PMI QA 2 Date: 9/2/20



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