

DESCRIPTION

PMI MODEL NUMBER PS-9G11G-360-A-SFF OPT812 IS A 8.0 TO 12.0 GHz ANALOG PHASE SHIFTER WITH CAPABILITY FOR PHASE SHIFTING FROM 0° TO 360°.

SPECIFICATIONS

- FREQUENCY RANGE: 8.0 TO 12.0 GHz
(OTHER FREQUENCY RANGES AVAILABLE)
- INSERTION LOSS 12 dB MAX.
- VSWR 2.2:1 TYP.
- PHASE FLATNESS $\pm 15^\circ$ TYP.
- OPERATING POWER: +10 dBm MAX.
- CONTROL ANALOG, 0 to +12.0VDC
- NON LINEAR SLOPE RATIO: 4:1 TYP.
- DC VOLTAGE: +15VDC
- SIZE: (L) 4.95" X (W) 3.38" X (H) 1.02"
- WEIGHT: 13 OUNCES TYP.
- FINISH: PAINTED BLUE

PHASE SHIFTER INPUT/OUTPUT INFORMATION**BI-DIRECTIONAL UNIT****DATA TAKEN**

J1 - INPUT

J2 - OUTPUT

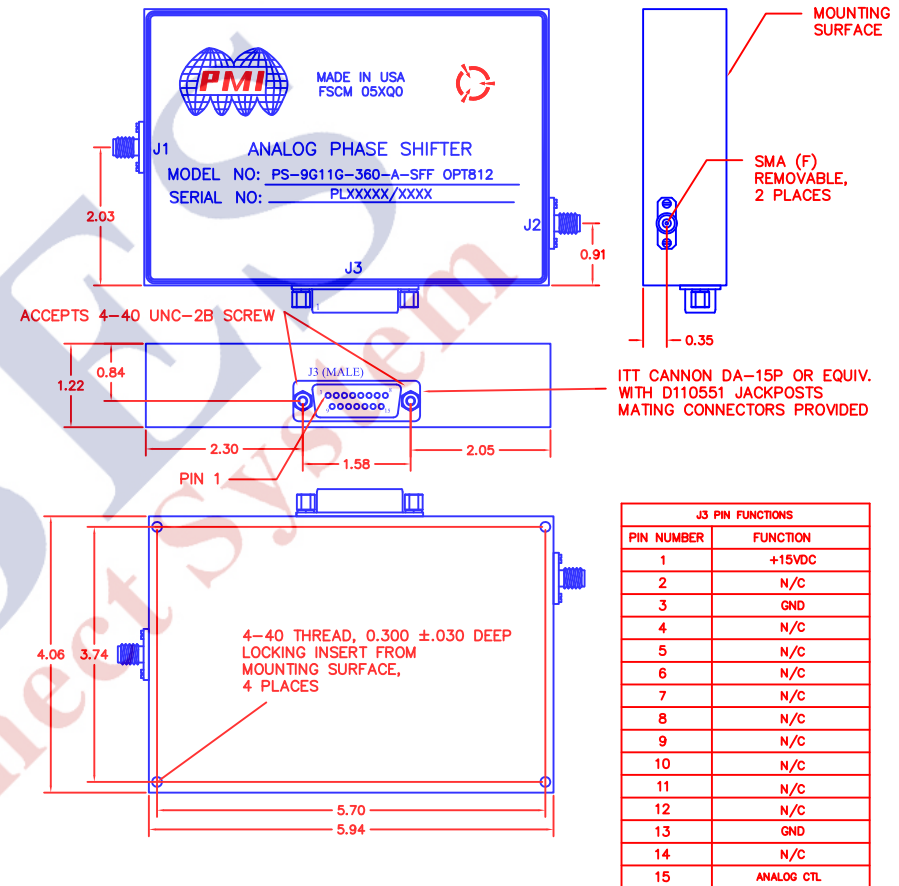
ENVIRONMENTAL RATINGS

- **TEMPERATURE:** -55°C TO +85°C (OPERATING)
..... -65°C TO +125°C (STORAGE)
- **HUMIDITY:** MIL-STD-202F, METHOD 103B COND. B
- **SHOCK:** MIL-STD-202F, METHOD 213B COND. B
- **VIBRATION:** MIL-STD-202F, METHOD 204D COND. B
- **ALTITUDE:** MIL-STD-202F, METHOD 105C COND. B
- **TEMPERATURE CYCLE:** MIL-STD-202F, METHOD 107D COND. A

NOTE: SPECIFICATIONS WILL VARY OVER OPERATING TEMPERATURE
NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

ALL DIMENSIONS ARE IN INCHES
TOLERANCES:
X.XX ± 0.020
X.XXX ± 0.010

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	11/19/14	



J3 PIN FUNCTIONS	
PIN NUMBER	FUNCTION
1	+15VDC
2	N/C
3	GND
4	N/C
5	N/C
6	N/C
7	N/C
8	N/C
9	N/C
10	N/C
11	N/C
12	N/C
13	GND
14	N/C
15	ANALOG CTL

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APPROVALS		DATE		TITLE	
DRAWN	<i>g</i>		11/19/14	PRODUCT FEATURE	
MODIFIED				PS-9G11G-360-A-SFF OPT812	
ISSUED				8.0 to 12.0 GHz, 0° to 360° ANALOG PHASE SHIFTER	
SIZE		FSCM NO.		DWG NO.	
A		05XQ0		PRELIMINARY	
SCALE		N:S		SHEET	
				1 OF 1	