

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 ±15° 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

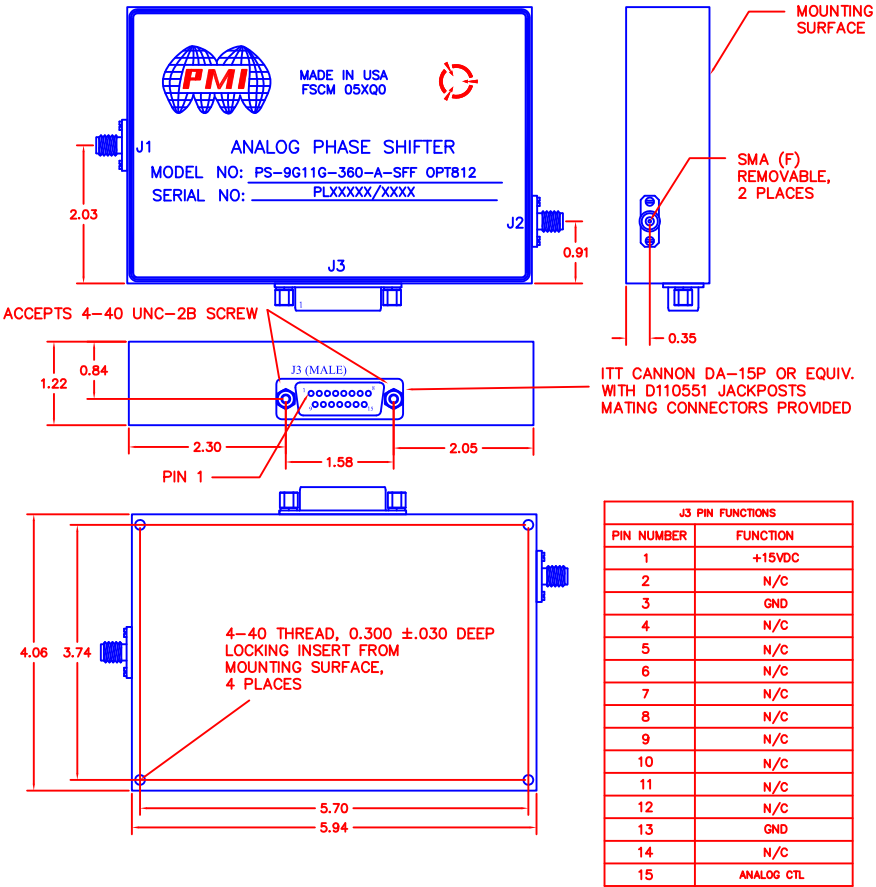
ENVIRONMENTAL RATINGS

- 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	



CONFIDENTIAL AND PROPRIETARY

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ISO 9001:2008 CERTIFIED



APPROVALS		DATE		TITLE	
DRAWN <i>JS</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	