

DESCRIPTION

PMI MODEL NUMBER PS-9G11G-360-A-SFF IS A 9.0 TO 11.0 GHz ANALOG PHASE SHIFTER WITH CAPABILITY FOR PHASE SHIFTING FROM 0° TO 360°.

SPECIFICATIONS

- FREQUENCY RANGE: 9.0 TO 11.0 GHz
(OTHER FREQUENCY RANGES AVAILABLE)
- INSERTION LOSS 7 dB TYP., 10 dB MAX.
- VSWR 1.75:1 TYP.
- PHASE ACCURACY $\pm 10^\circ$ Typ
- OPERATING POWER: +10 dBm Typ
- CONTROL ANALOG, -7.5 to +7.5VDC
- DC VOLTAGE: +15VDC
- SIZE: (L) 4.95" X (W) 3.38" X (H) 1.02"
- WEIGHT: 13 OUNCES TYP.
- FINISH: PAINTED GRAY

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

J1 - INPUT
J2 - OUTPUT

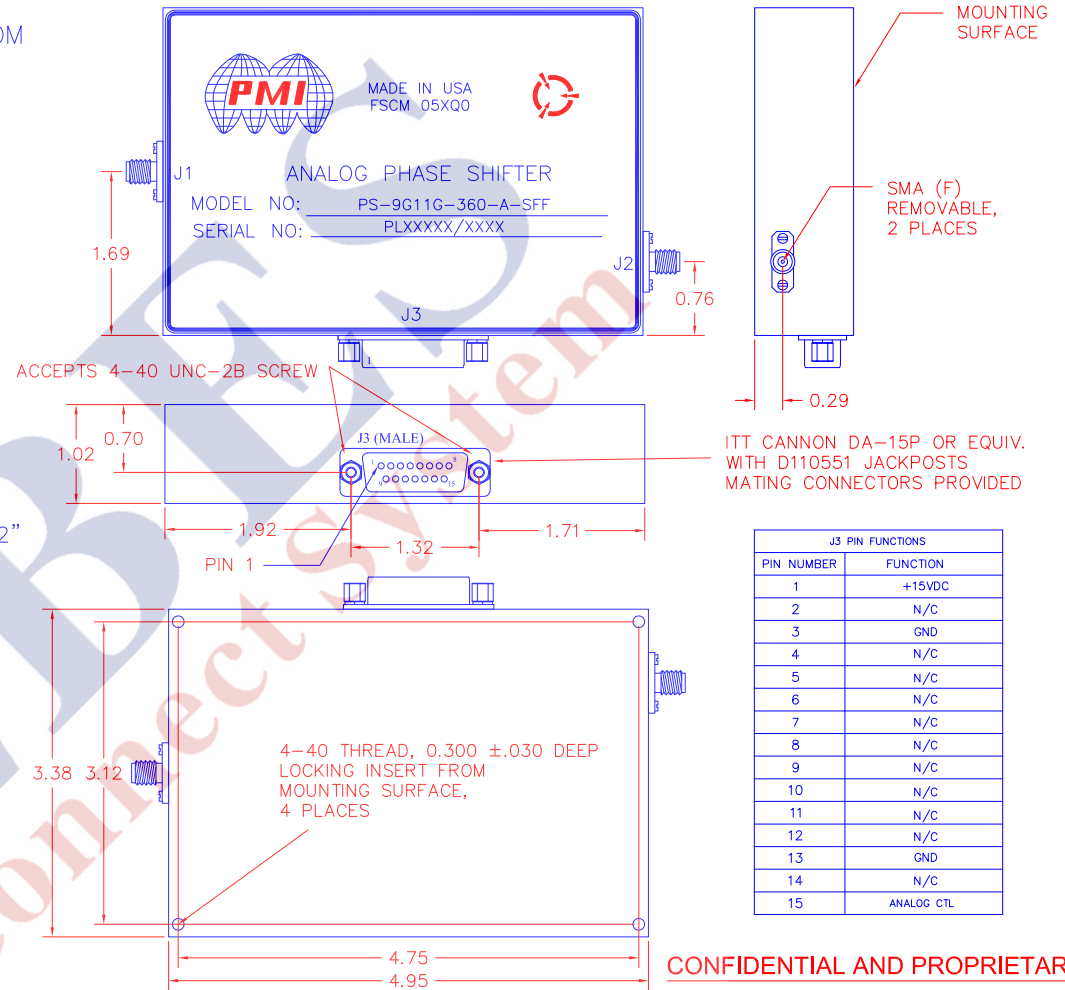
ENVIRONMENTAL RATINGS

- 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
	A	ORIGINAL RELEASE	7/10/12	



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

CONFIDENTIAL AND PROPRIETARY**PLANAR MONOLITHICS INDUSTRIES, INC.**

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APPROVALS		DATE		TITLE	
DRAWN <i>KM</i>		7/10/12		PRODUCT FEATURE	
MODIFIED				PS-9G11G-360-A-SFF	
ISSUED				9.0 to 11.0 GHz, 0° to 360° ANALOG PHASE SHIFTER	
SIZE		FSCM NO.		DWG NO.	
A		05XQ0		27017161	
SCALE		N:S		SHEET	
				1 OF 1	