

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: ±10° 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

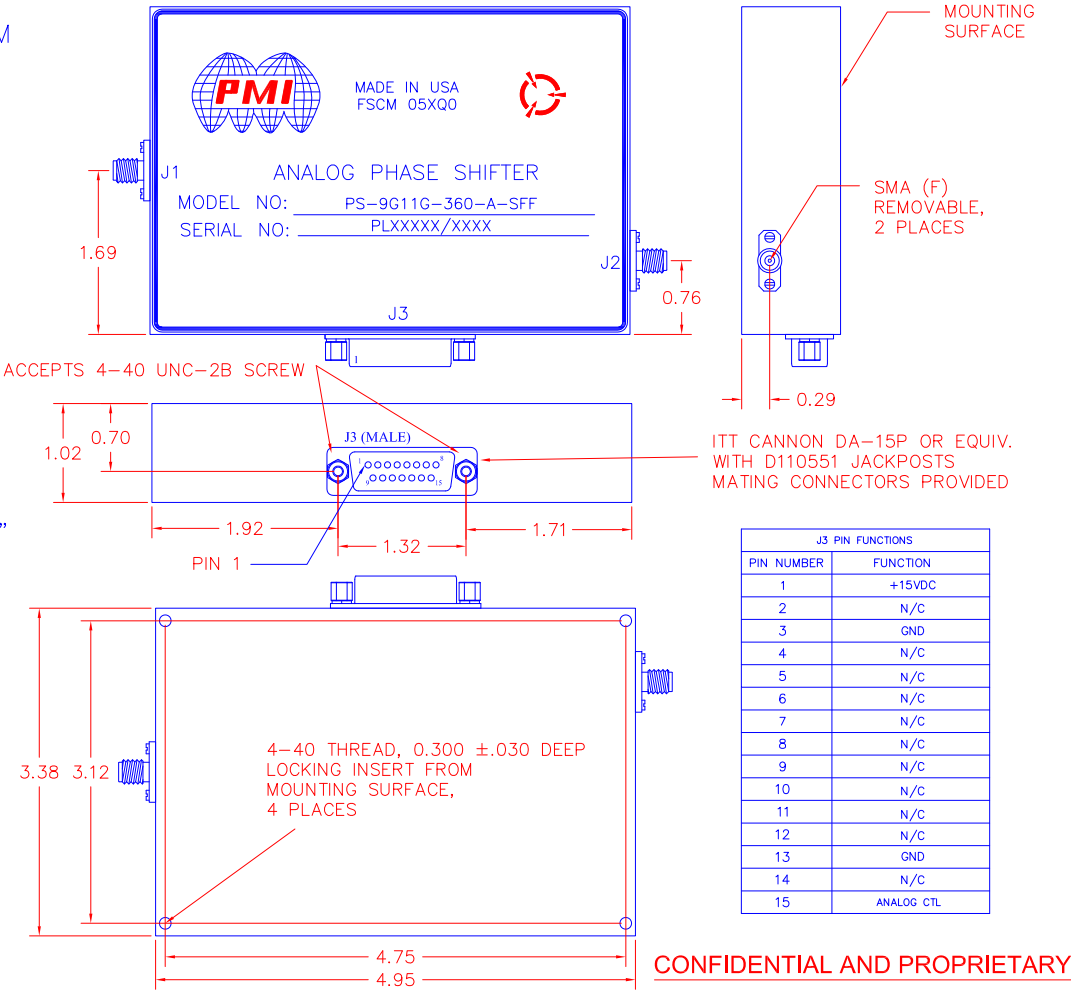
ENVIRONMENTAL RATINGS

- 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 |          |



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ISO 9001:2008 CERTIFIED



| 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                                           |  |