

DESCRIPTION

PMI MODEL NUMBER PS-360-DC-IR-14G14D5G IS A 14.0 TO 14.5 GHZ DIGITALLY CONTROLLED ANALOG PHASE SHIFTER WITH CAPABILITY FOR PHASE SHIFTING FROM 0° TO 360°.

SPECIFICATIONS

- FREQUENCY RANGE: 14.0 TO 14.5 GHZ
(OTHER FREQUENCY RANGES AVAILABLE)
- INSERTION LOSS: 11.5 dB MAX
- VSWR: 1.75:1 MAX.
- PHASE ACCURACY: ±10° Typ
- SWITCHING SPEED: 500 nsec Typ.
- OPERATING POWER: +20 dBm Typ
- SURVIVAL POWER: +30 dBm Max
- CONTROL: 10 BIT TTL
- POWER SUPPLY
 - +V: +5V @ 200 mA MAX.
 - +V: +12V to +15V @ 100 mA MAX.
 - V: -12V to -15V @ 70 mA MAX.
- 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

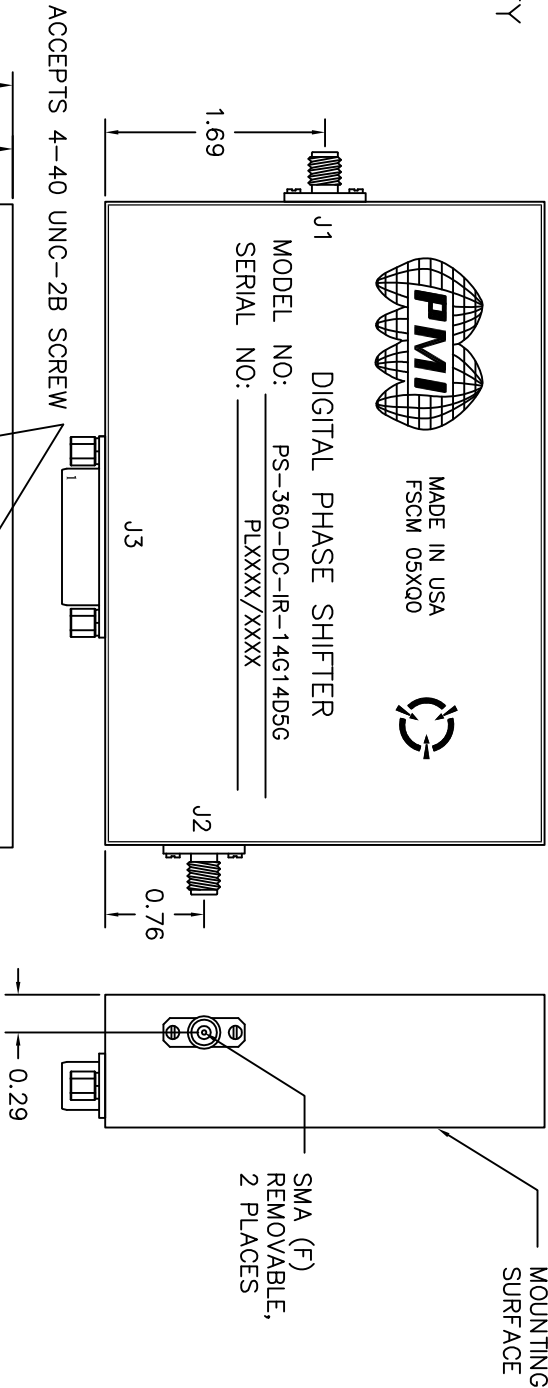
- J1 - INPUT
- J2 - OUTPUT

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

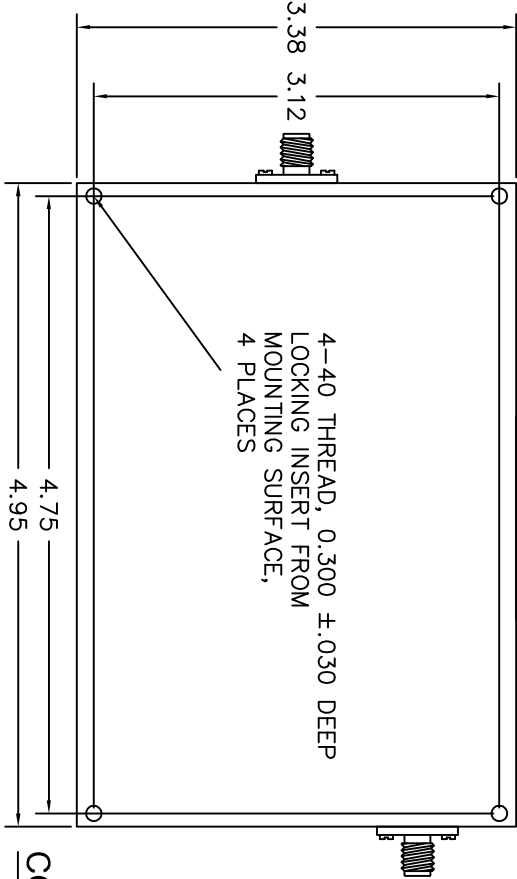
NOTE: SPECIFICATIONS WILL VARY OVER OPERATING TEMPERATURE
NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

REVISIONS			
ZONE	REV.	DESCRIPTION	DATE
	A	ORIGINAL RELEASE	09/30/11



ITT CANNON DA-15P OR EQUIV.
WITH D110551 JACKPOSTS
MATING CONNECTORS PROVIDED

J3 PIN FUNCTIONS	
PIN NUMBER	FUNCTION
1	-12V TO -15V
2	+12V TO +15V
3	N/C
4	1.4"
5	5.6"
6	45.0"
7	180.0" (MSB)
8	90.0"
9	GROUND
10	0.7"
11	22.5"
12	2.8"
13	11.3"
14	0.35" (LSB)
15	+5V



CONFIDENTIAL AND PROPRIETARY

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ISO 9001:2000 CERTIFIED



PRODUCT FEATURE

PS-360-DC-IR-14G14D5G
14.0-14.5 GHz, 0°-360° PHASE SHIFTER

APPROVALS		DATE	TITLE		
DRAWN	pk	09/30/11	SIZE	FSCM NO.	DWG NO.
MODIFIED			A	05X00	27014681
ISSUED			SCALE	N:S	SHEET 1 OF 1

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