

DESCRIPTION

PMI MODEL NUMBER PS-360-DC-IR-9D510D5 IS A 9.5 TO 10.5 GHz DIGITALLY CONTROLLED ANALOG PHASE SHIFTER WITH CAPABILITY FOR PHASE SHIFTING FROM 0° TO 360°.

SPECIFICATIONS

- FREQUENCY RANGE: 9.5 TO 10.5 GHz

(OTHER FREQUENCY RANGES AVAILABLE)

- INSERTION LOSS 11.5 dB MAX
- VSWR 1.75:1 MAX.
- PHASE ACCURACY $\pm 10^\circ$ 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

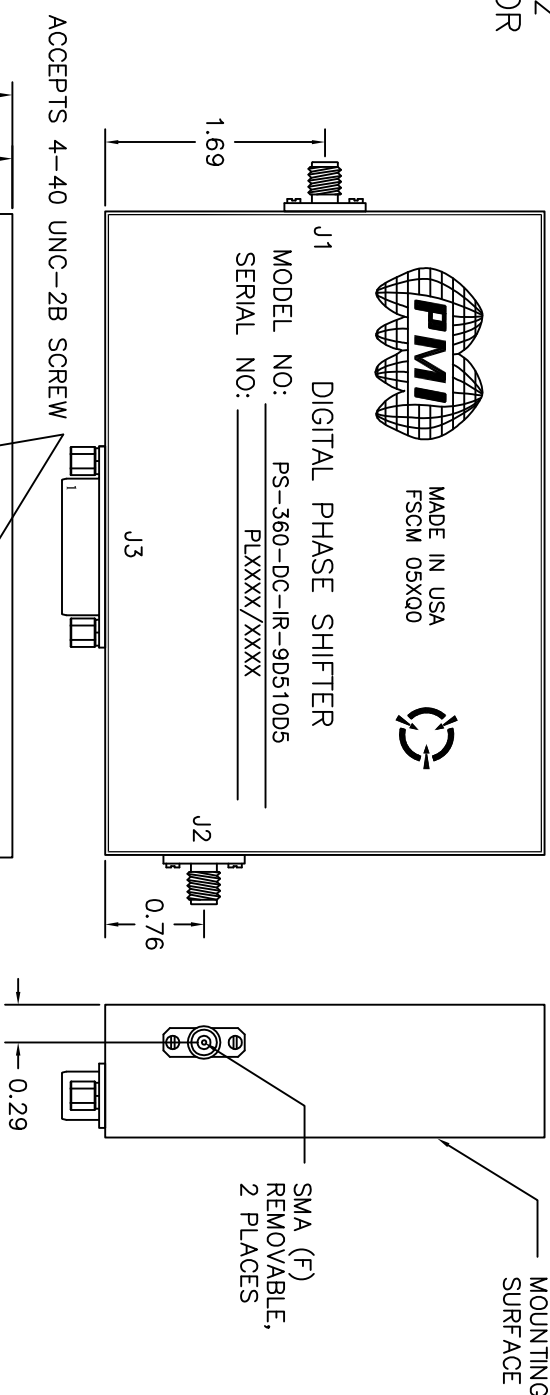
J2 - OUTPUT

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

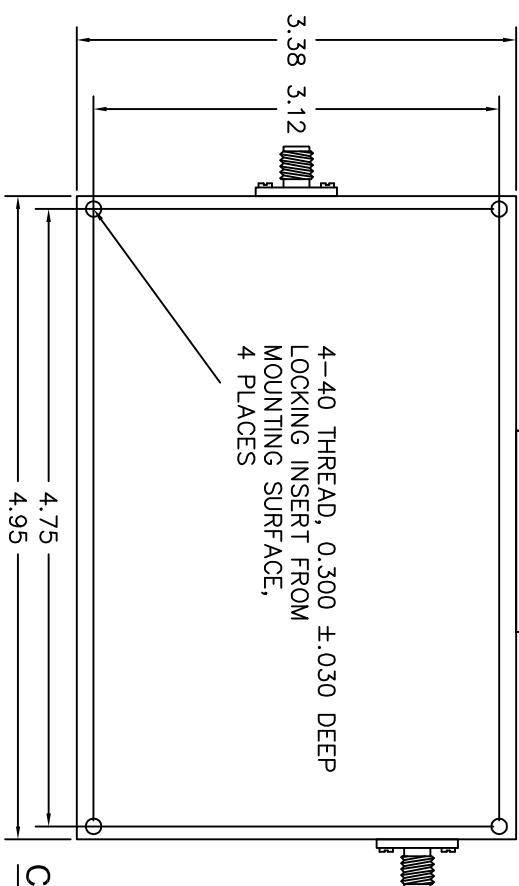
NOTE: SPECIFICATIONS WILL VARY OVER OPERATING TEMPERATURE
NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	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	4.5.0"
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



		TITLE			
		PRODUCT FEATURE			
APPROVALS		PS-360-DC-IR-9D510D5			
DATE		9.5-10.5 GHz, 0-360° PHASE SHIFTER			
DRAWN <i>sk</i>		09/30/11			
MODIFIED					
ISSUED					
SCALE		N:S		SHEET	
A		FSCM NO. 05XQ0		DWG NO. 27014661	
				REV. A	
				1 OF 1	