

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: ±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

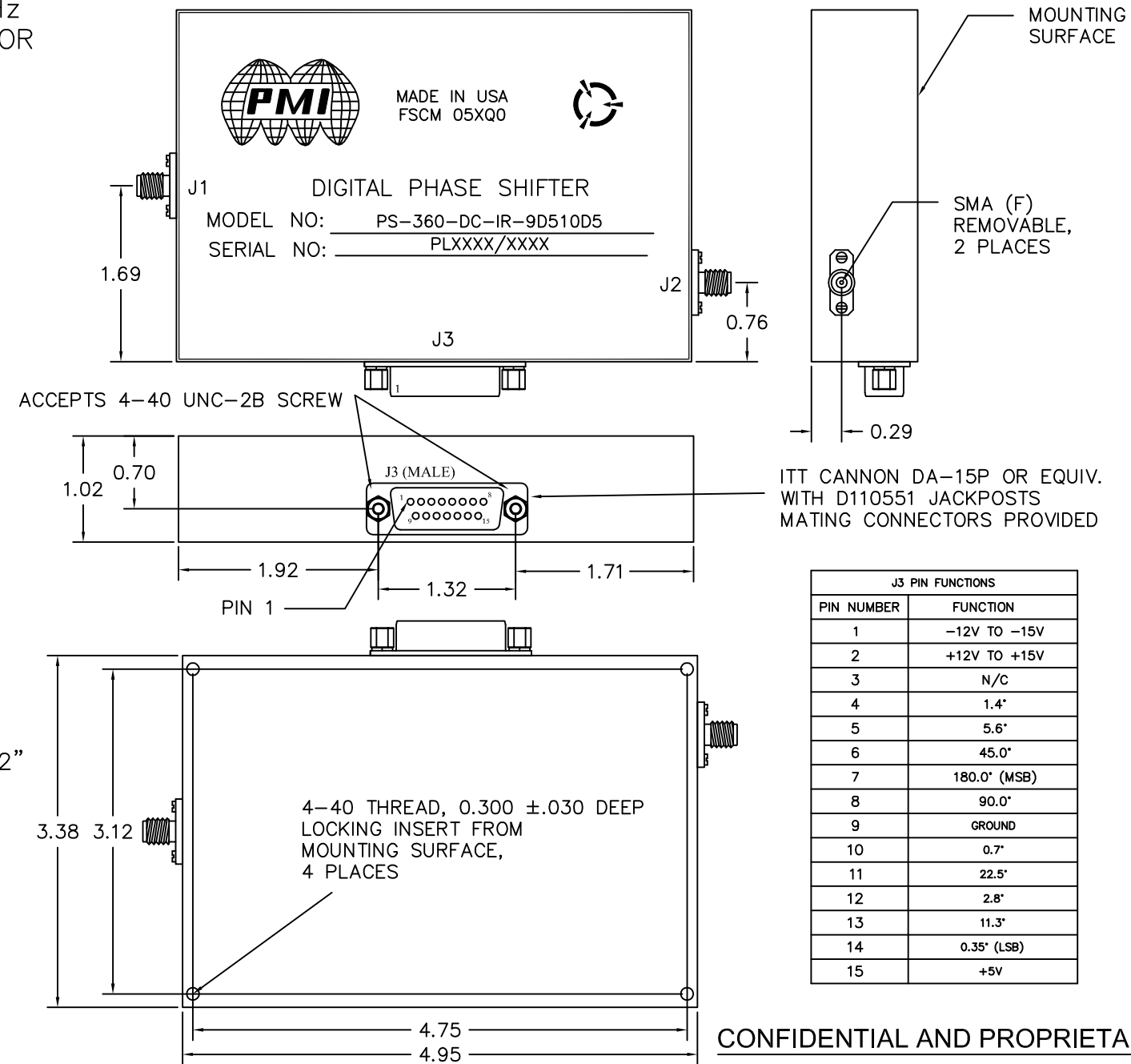
ENVIRONMENTAL RATINGS

- 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

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

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



CONFIDENTIAL AND PROPRIETARY

PLANAR MONOLITHICS INDUSTRIES, INC.

7311-F GROVE ROAD
FREDERICK, MARYLAND 21704 USA
TEL: 301-662-5019 FAX: 301-662-1731
WEBSITE: www.pmi-rf.com
E-MAIL: sales@pmi-rf.com
ISO 9001:2000 CERTIFIED



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