

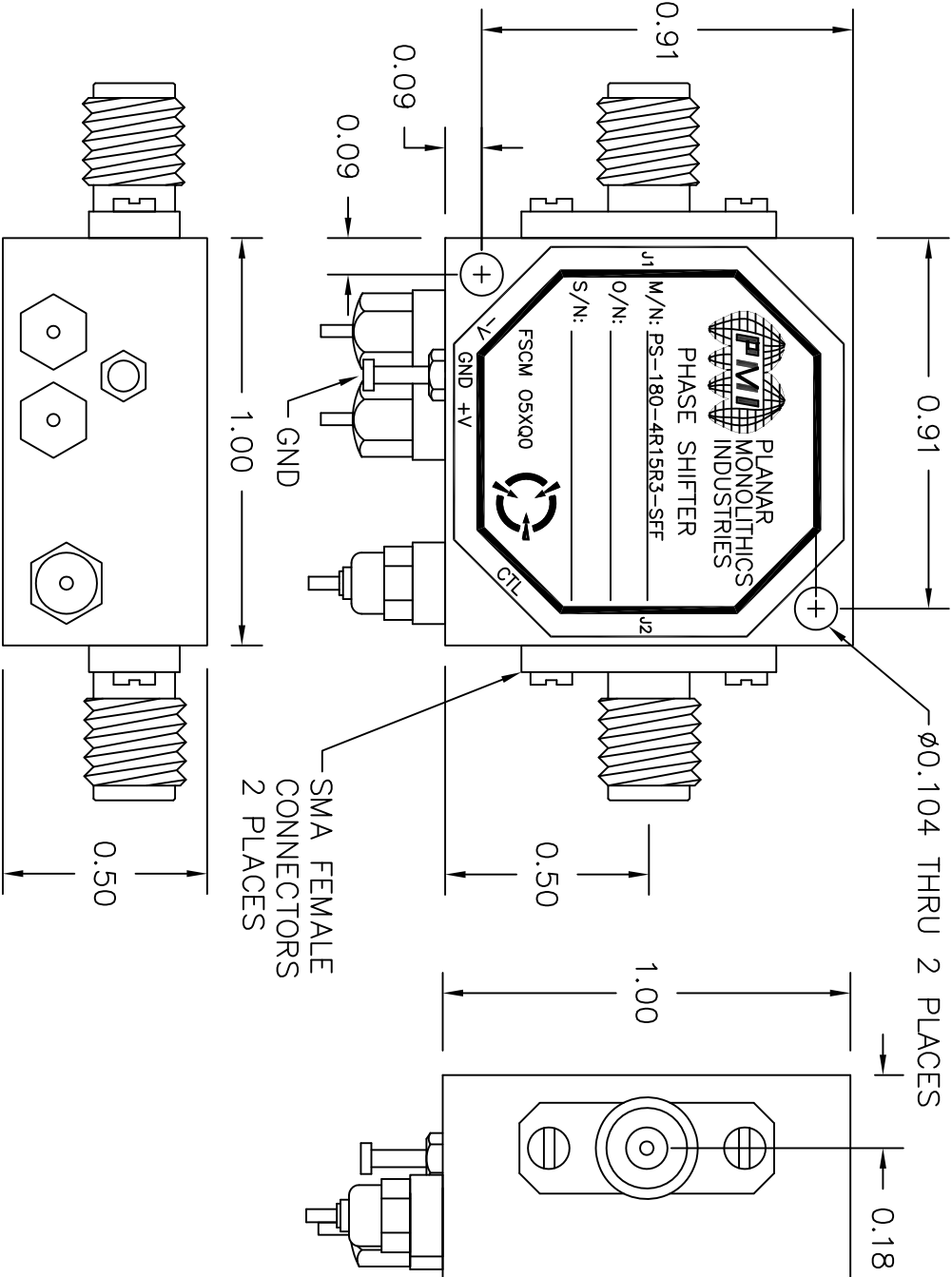
DESCRIPTION

THE PMI MODEL PS-180-4R15R3-SFF IS A MINIATURE, 0 TO 180 DEGREE BI-PHASE MODULATOR/PHASE SHIFTER WITH TTL CONTROL LOGIC OPERATING OVER A FREQUENCY RANGE OF 4.1-5.3 GHz.

REVISIONS			
ZONE	REV.	DESCRIPTION	DATE
	A	ORIGINAL RELEASE	1/7/10

SPECIFICATIONS

- FREQUENCY RANGE: 4.1 TO 5.3 GHz
- PHASE SHIFT: 180° ± 4°
- LOGIC "0": 0°
- LOGIC "1": 180°
- INSERTION LOSS: 3.0dB MAXIMUM
- VSWR: 1.7:1 50 OHMS
- MAXIMUM INPUT POWER: +30 dBm NO DAMAGE
- SPEED: 100 ns MAXIMUM ON/OFF
- POWER SUPPLY
 - +V: +5V @ 50mA MAXIMUM
 - V: -5V @ 50mA MAXIMUM
- SIZE: 1.00" x 1.00" x 0.50"
- FINISH: PAINTED GRAY



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

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TITLE

PRODUCT FEATURE

APPROVALS

DATE

DRAWN

1/7/10

CHECKED

ISSUED

4.1 - 5.3 GHz

BI-PHASE MODULATOR/PHASE SHIFTER

SIZE

FSCM NO.

DWG NO.

REV.

A

05X00

27011521

A

SCALE

N:S

SHEET

1 OF 3