

DESCRIPTION:

PMI MODEL NUMBER 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

SPECIFICATIONS:

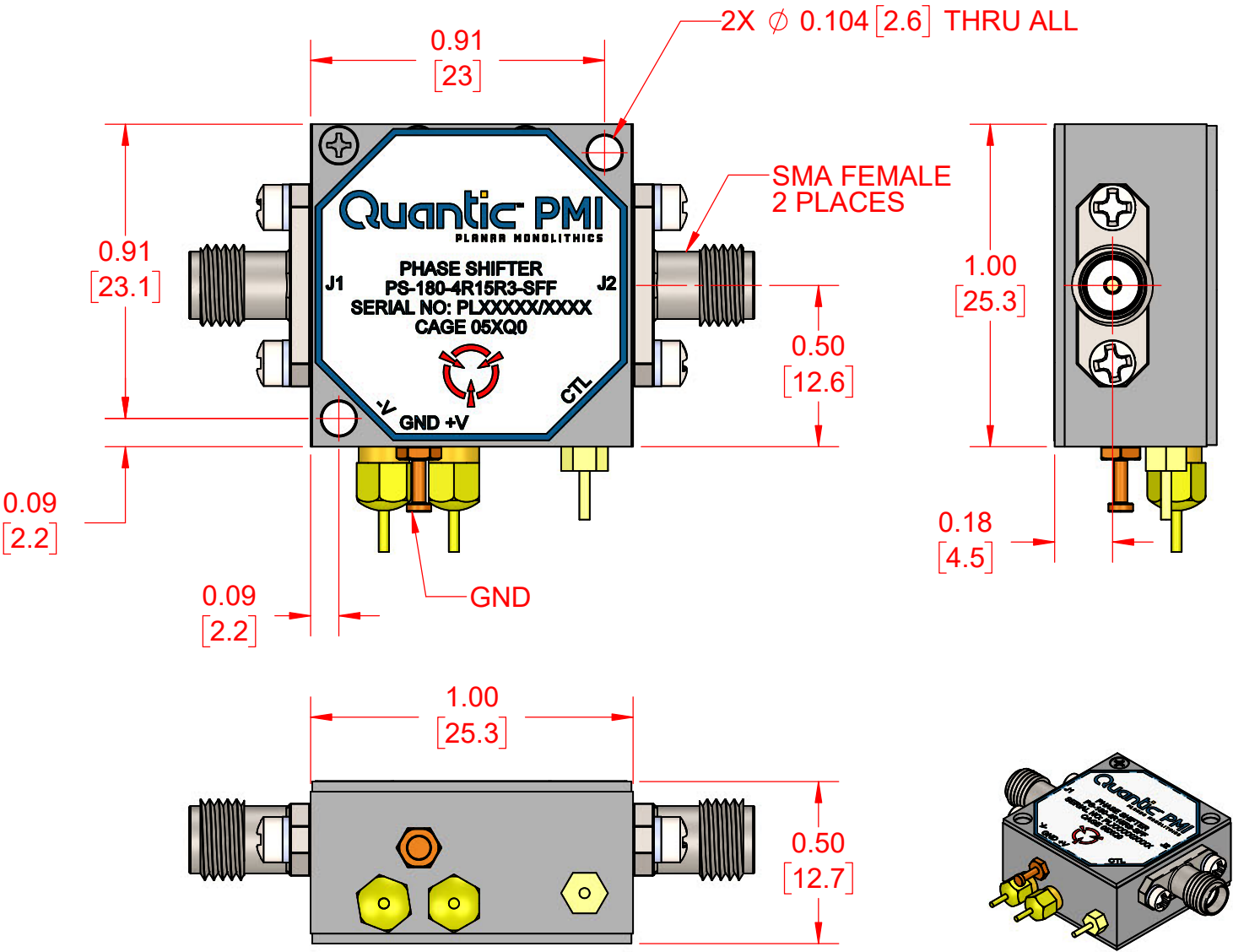
- FREQUENCY RANGE: 4.1 TO 5.3 GHz
- PHASE SHIFT: 180° ± 4° TYP (@ 4.7 GHz)
 - LOGIC "0": 0°
 - LOGIC "1": 180°
- INSERTION LOSS: 3.0 dB MAX
- VSWR: 1.7:1 MAX (50 OHMS)
- MAXIMUM INPUT POWER: +30 dBm CW NO DAMAGE
- SPEED: 100 ns MAX ON/OFF
- POWER SUPPLY: +5V @ 50 mA MAX
-5V @ 50 mA MAX
- SIZE: 1.00 " x 1.00" x 0.5"
- FINISH: PAINTED GRAY

ENVIRONMENTAL RATINGS:

- TEMPERATURE: -55°C TO +85°C (OPERATING)
-65°C TO +125°C (STORAGE)
- HUMIDITY: MIL-STD-202, METHOD 103B COND. B
- SHOCK: MIL-STD-202, METHOD 213B COND. B
- VIBRATION: MIL-STD-202, METHOD 204D COND. B
- ALTITUDE: MIL-STD-202, METHOD 105C COND. B
- TEMPERATURE CYCLE: MIL-STD-202, METHOD 107D COND. A

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

ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	ORIGINAL RELEASE	1/7/2010	
	A1	ECN # 25-0084	3/21/2025	



PMI CONFIDENTIAL AND PROPRIETARY

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							APPROVALS		DATE	
							DRAWN DPD		1/7/2010	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES ± .XX ± 0.02 ± .XXX ± 0.01			TITLE OUTLINE PS-180-4R15R3-SFF							
			ISSUED		SIZE B	FSCM NO. 05XQ0	DWG NO. 27011521	REV. A1		
					SCALE 2:1		SHEET 1 OF 1			