

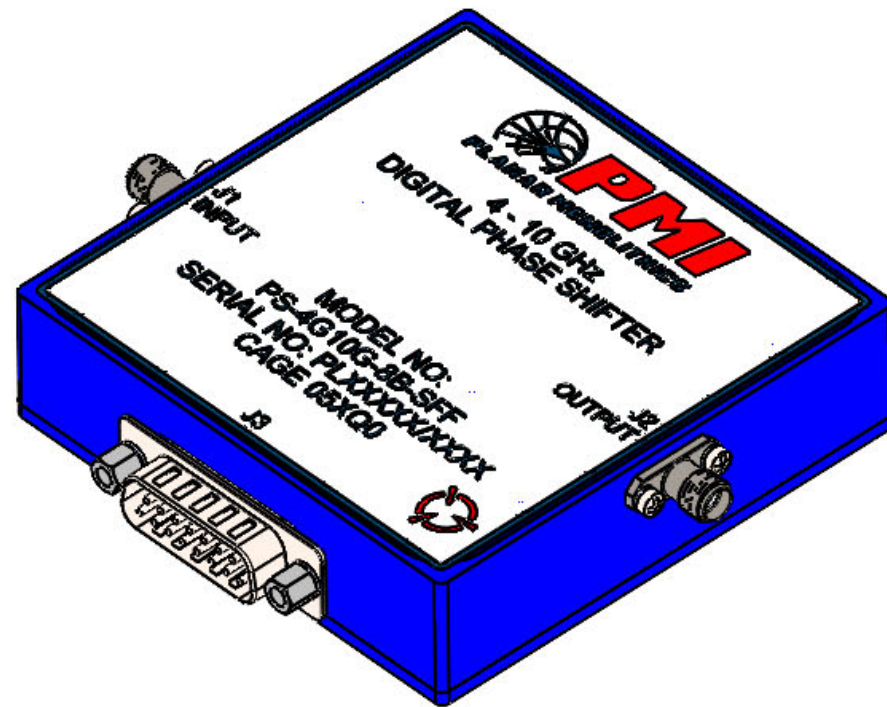
DESCRIPTION:

PMI MODEL PS-4G10G-8B-SFF IS AN 8-BIT DIGITAL PHASE SHIFTER THAT OPERATES OVER THE 4.0 TO 10.0 GHz FREQUENCY RANGE. THIS MODEL OFFERS 360 DEGREES OF PHASE SHIFT WITH THE LEAST SIGNIFICANT BIT OF 1.4 DEGREES.

SPECIFICATIONS: @+25C°

MEASURED AT -10dBm INPUT POWER

- FREQUENCY RANGE:..... 4.0 TO 10.0 GHz
- CONTROL:..... 8 BIT TTL
- INSERTION LOSS:..... 10.5 dB MAX
- PHASE SHIFT:..... 360°
- PHASE SHIFT ERROR:..... ±5° TYP.
- SWITCHING SPEED:..... 500 ns MAX.
- DC SUPPLY:..... +15 V @ 250 mA MAX.
-15 V @ 100 mA MAX.
- SIZE:..... (L) 3.25" x (W) 3.25" x (H) 0.84"
- CONNECTORS:
 - RF SMA FEMALE
 - CONTROL:..... 15 PIN SUBMINIATURE D (MALE)
- FINISH:..... PAINTED BLUE



ENVIRONMENTAL RATINGS:

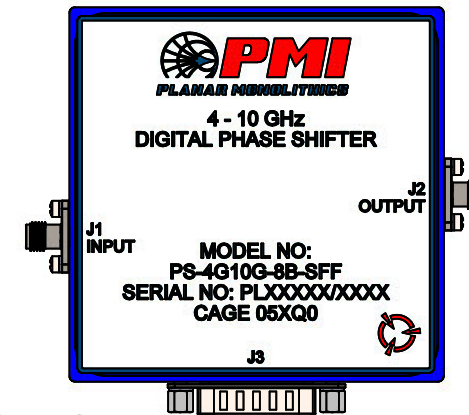
- TEMPERATURE:..... -55°C TO +85°C (OPERATING)
-65°C TO +125°C (STORAGE)
- HUMIDITY:..... MIL-STD-202, METHOD 103 COND. B
- SHOCK:..... MIL-STD-202, METHOD 213 COND. B
- VIBRATION:..... MIL-STD-202, METHOD 204 COND. B
- ALTITUDE:..... MIL-STD-202, METHOD 105 COND. B
- TEMPERATURE CYCLE:..... MIL-STD-202,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

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

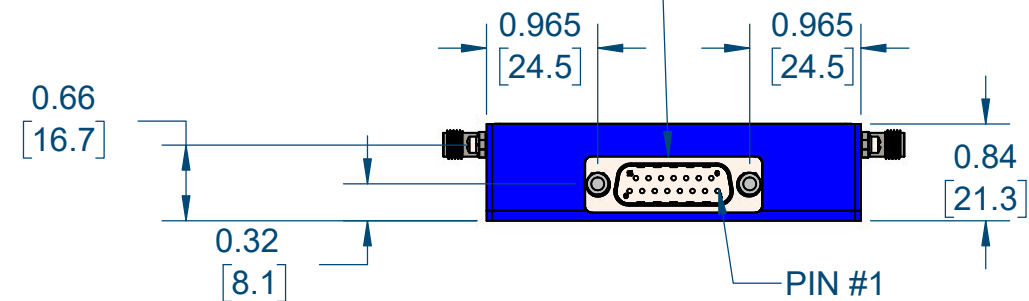
ELECTRICAL CONNECTOR PIN ASSIGNMENTS

PIN	FUNCTION
1	-VDC
2	+VDC
3	N/C
4	1.4° (LSB)
5	5.6°
6	45°
7	180° (MSB)
8	90°
9	GND
10	N/C
11	22.5°
12	2.8°
13	11.3°
14	N/C
15	N/C

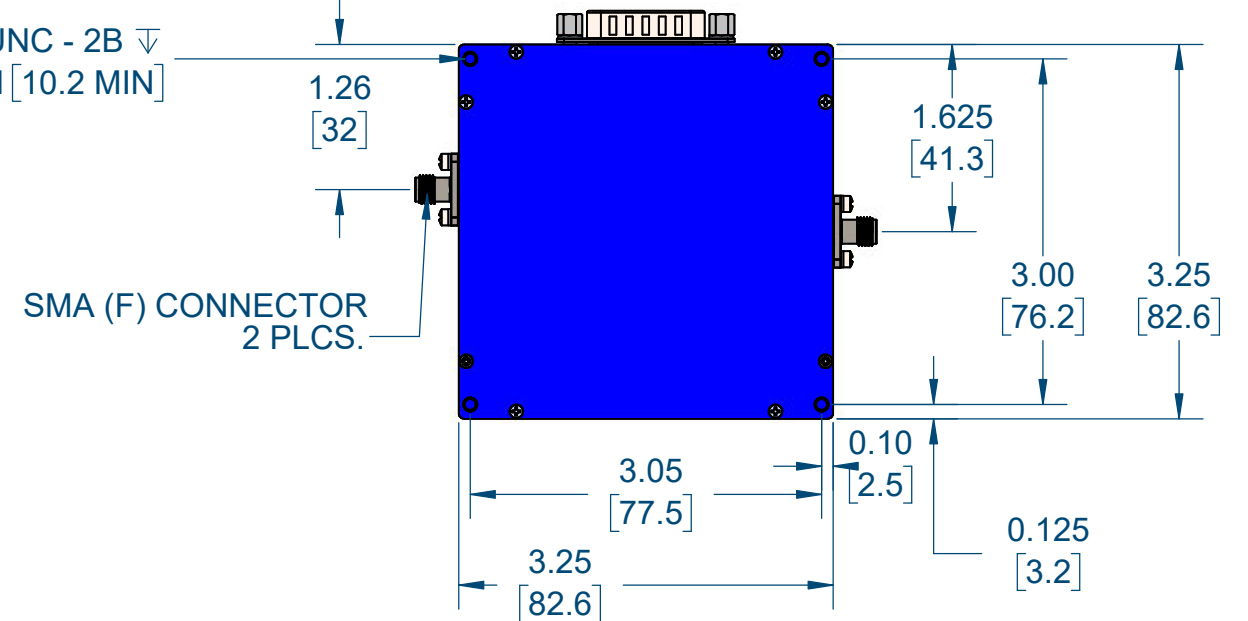
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	6/5/14	
	B1	ECN 26-0097	5/7/26	



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



4X 4-40 UNC - 2B ▽
0.40 MIN [10.2 MIN]



PMI CONFIDENTIAL AND PROPRIETARY

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES ± .XX ± 0.02 ± XXX ± 0.01		APPROVALS DATE DRAWN IC 5/7/26 REDRAWN ISSUED		TITLE PS-4G10G-8B-SFF OUTLINE PS-4G10G-8B-SFF		SIZE FSCM NO. DWG NO. REV. B 05XQ0 27029970 B1	
		SCALE 0.6:1				SHEET 1 OF 1	



7309-A GROVE ROAD FREDERICK MARYLAND 21704 USA
TEL: (301) 662-5019, FAX: (301) 662-1731
WEB: WWW.QUANTICPMI.COM, EMAIL: SALES@QUANTICPMI.COM
ISO 9001 CERTIFIED