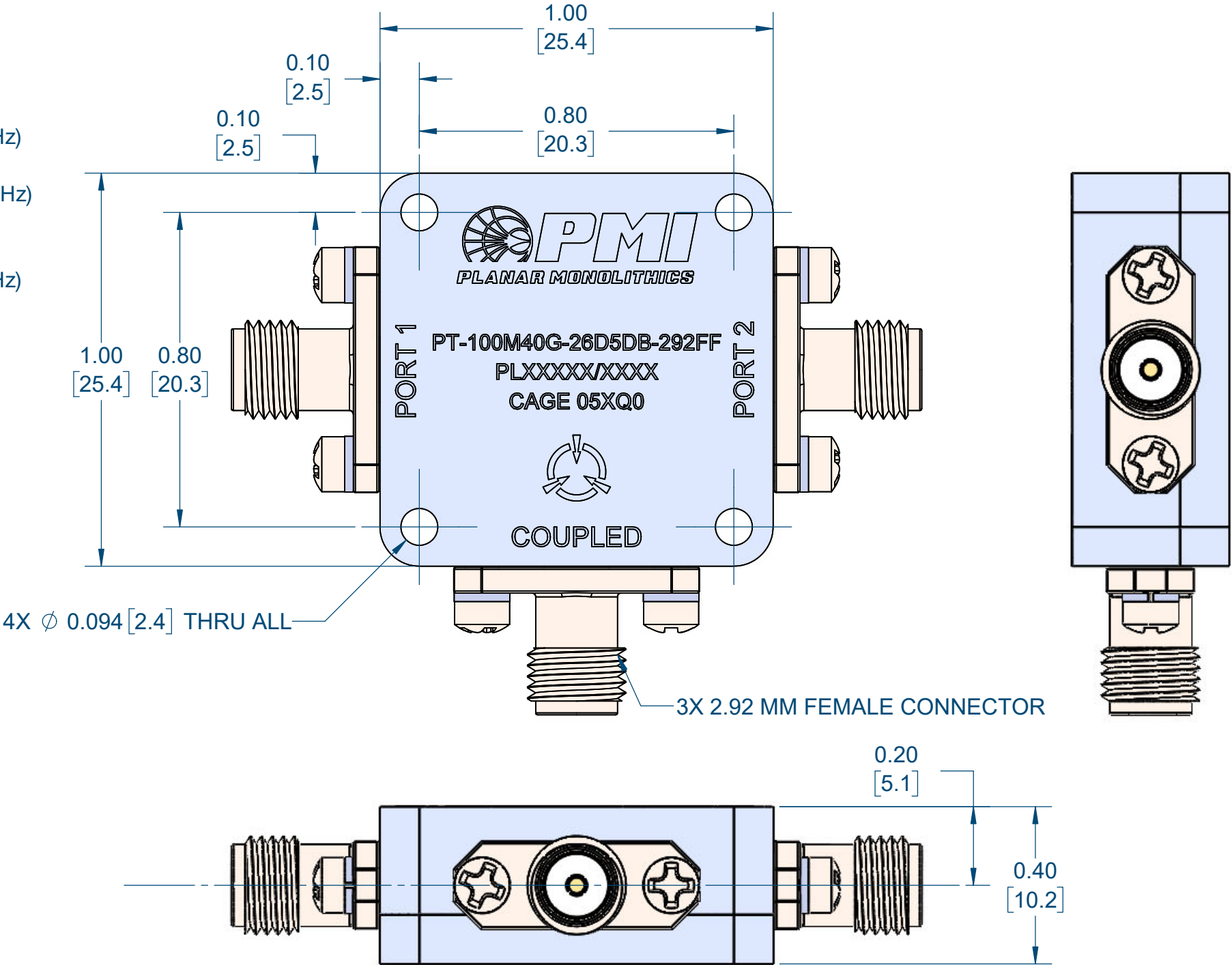
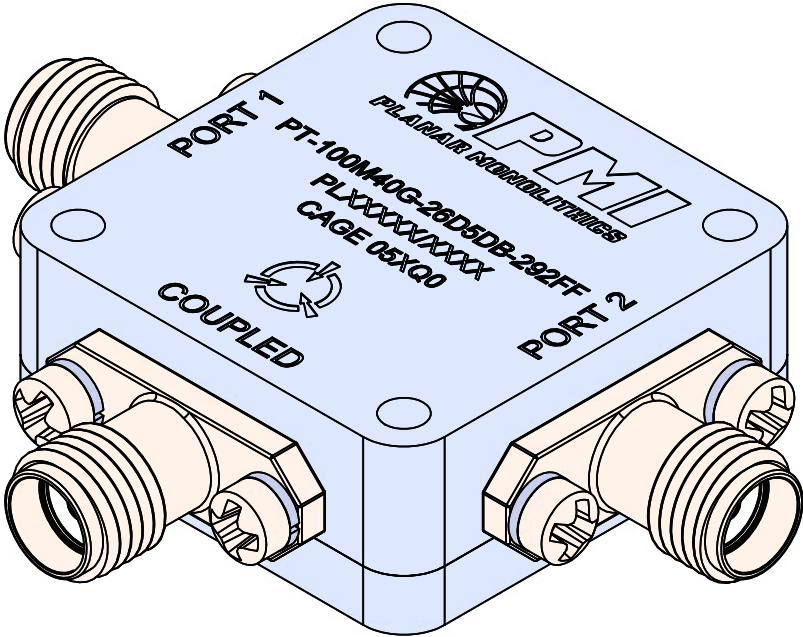


DESCRIPTION:

PMI MODEL NUMBER PT-100M40G-26D5DB-292FF IS A BI-DIRECTIONAL 100 MHz TO 40 GHz 26.5 dB POWER TAP. IT PROVIDES EXCELLENT COUPLING FLATNESS AND VSWR. ITS PACKAGE SIZE IS 1.0" x 1.0" x 0.4" WITH 2.92 MM FEMALE CONNECTORS.

SPECIFICATIONS:

- FREQUENCY RANGE:..... 100 MHz TO 40 GHz
- TAP DIRECTIONALITY:..... BI-DIRECTIONAL
- MAINLINE LOSS:..... 4.0 dB MAX. (100 MHz - 20 GHz)
6.0 dB MAX. (20-40 GHz)
- COUPLING VALUE:..... 26.0 dB TYP. (100 MHz - 20 GHz)
27.0 dB TYP. (20-40 GHz)
- COUPLING ACCURACY:..... 5 dB MAX.
- COUPLING FLATNESS:..... 4.0 dB MAX. (100 MHz - 20 GHz)
5.0 dB MAX. (20-40 GHz)
- COUPLING PHASE SHIFT:..... 90° MAX.
- VSWR:..... 3.0:1 MAX. (MAINLINE)
2.0:1 MAX. (COUPLED)
- INPUT POWER:..... 27 dBm CW MAX.
- FINISH:..... NICKEL PLATED



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

ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	1/31/26	

PMI CONFIDENTIAL AND PROPRIETARY

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES ± .XX ± 0.02 ± ± .XXX ± 0.01 ±		APPROVALS	DATE	 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 TITLE OUTLINE PT-100M40G-26D5DB-292FF			
		DRAWN ANTON L. REDRAWN	1/31/26				
		ISSUED		SIZE B	FSCM NO. 05XQ0	DWG NO. 27054460	REV. A1
				SCALE 3:1	SHEET 1 OF 1		