

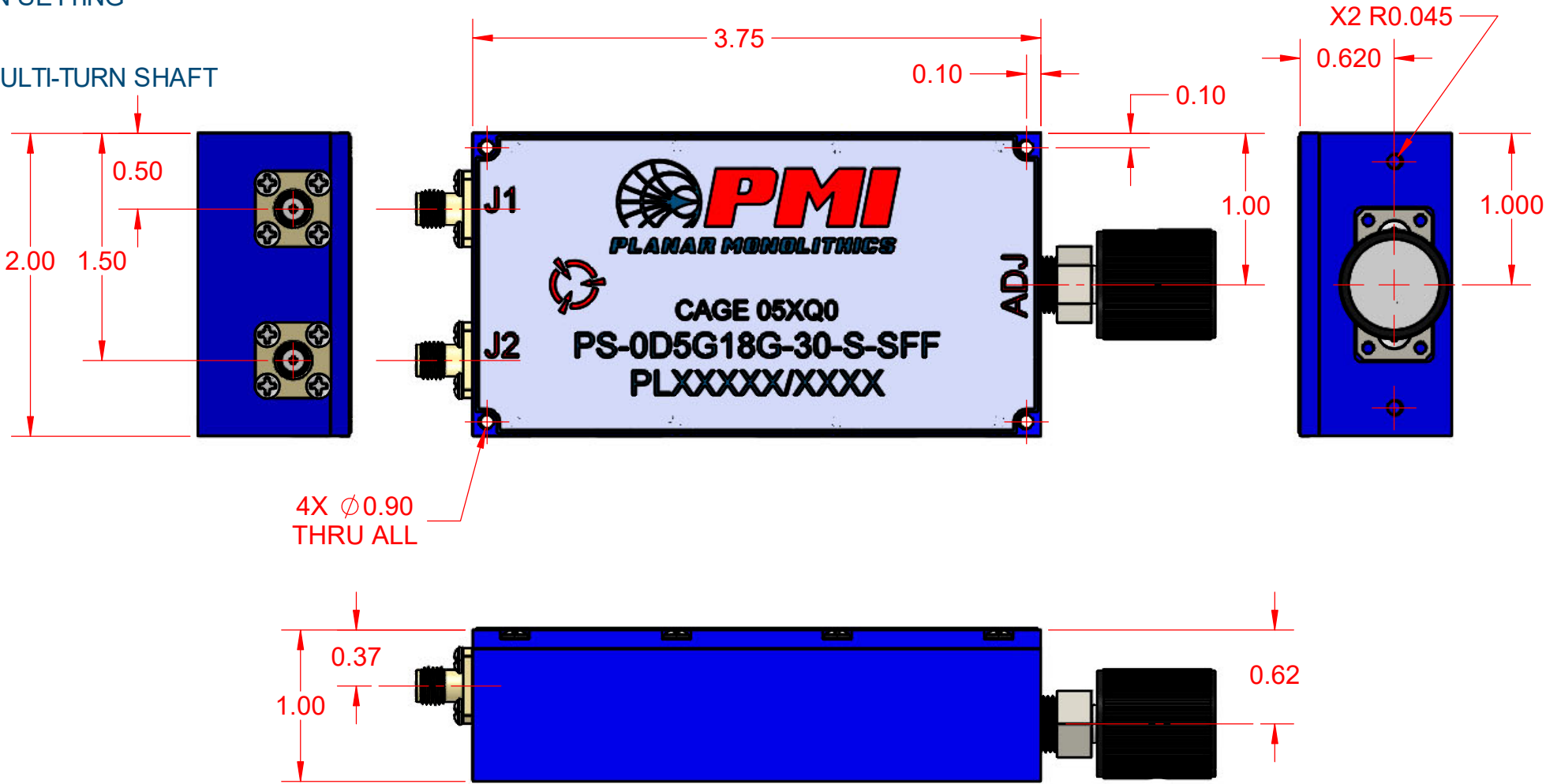
DESCRIPTION:

PMI MODEL NUMBER PS-0D5G18G-30-S-SFF IS A 500 MHz TO 18 GHz MANUALLY CONTROLLED PHASE SHIFTER WITH THE CAPABILITY FOR PHASE SHIFTING FROM 0° TO 30° PER GHz.

ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	05/22/2026	

SPECIFICATIONS:

- FREQUENCY RANGE: _____ 500 MHz to 18 GHz
- INSERTION LOSS: _____ 1 dB MAX (OVER SPECIFIED PHASE SHIFT)
- VSWR: _____ 1.6:1 MAX
- PHASE ADJUST: _____ 0 - 30°/GHz
- INSERTION PHASE: _____ 240° @ 1 GHz MIN SETTING
- INPUT POWER: _____ 3kW PEAK MAX
- CONTROL: _____ 1/4"Ø MANUAL MULTI-TURN SHAFT
- 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

PMI CONFIDENTIAL AND PROPRIETARY

		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES ± .XX ± 0.010 ± .XXX ± 0.005	PART NO.		 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				
			APPROVALS	DATE	TITLE				
		MATERIAL: VARIOUS	DRAWN AMS	05/22/2026	OUTLINE				
			FINISH: VARIOUS	REDRAWN		PS-0D5G18G-30-S-SFF			
NEXT ASSY	USED ON		ISSUED		SIZE B	FSCM NO. 05XQ0	DWG NO. 27054900	REV. A1	
APPLICATION					SCALE 1:2				SHEET 1 OF 1