

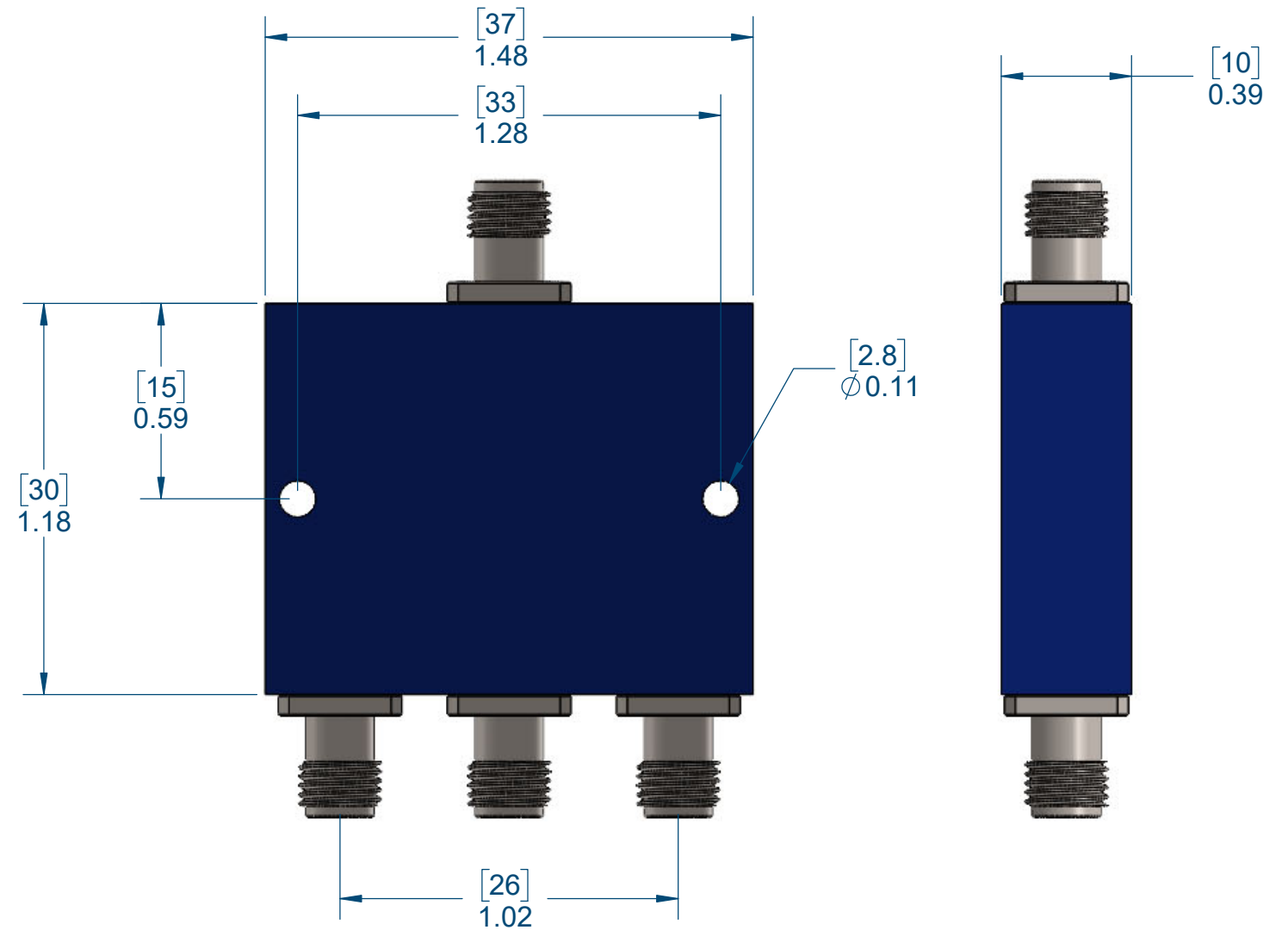
DESCRIPTION:

PMI MODEL NO. APD-3-6G18G-SFF IS A 6 TO 18 GHz 3-WAY POWER DIVIDER.

ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	12/4/25	

SPECIFICATIONS:

- FREQUENCY RANGE:..... 6 TO 18 GHz
- INSERTION LOSS:..... 1.0 dB Max (ABOVE 4.77 dB SPLIT)
- VSWR:..... 1.50:1 MAX
- ISOLATION:..... 16 dB MIN
- AMPLITUDE BALANCE:..... ±0.6 dB MAX
- PHASE BALANCE:..... ±6° MAX
- POWER HANDLING:..... FORWARD: 30 W MAX
REVERSE: 1 W MAX
- IMPEDANCE:..... 50 Ω
- CONNECTORS:..... SMA FEMALE
- FINISH:..... PAINTED BLUE



ENVIRONMENTAL RATINGS:

- TEMPERATURE:..... -55°C TO +85°C (OPERATING)
- ALTITUDE:..... MIL-STD-202, METHOD 105C COND. B
- HUMIDITY:..... UP TO 95%, NON-CONDENSING
- SHOCK:..... MIL-STD-202, METHOD 213B COND. B
- VIBRATION:..... MIL-STD-202, METHOD 204D COND. B
- TEMPERATURE CYCLE:..... MIL-STD-202, METHOD 107D COND. A

PMI CONFIDENTIAL AND PROPRIETARY

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

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES ± .XX ± 0.02 ± .XXX ± 0.01		APPROVALS		DATE	Quantic PMI PLANAR MONOLITHICS 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	
		DRAWN		12/4/25		
DRAWN		AG		TITLE		
REISSUED				APD-3-6G18G-SFF		
ISSUED		SIZE	FSCM NO.	DWG NO.	REV.	
		B	05XQ0	PRELIMINARY	-	
		SCALE 2:1			SHEET 1 OF 1	