

DESCRIPTION:

PMI MODEL NO. ISO-618-10-SMF IS A 6 TO 18 GHz COAXIAL ISOLATOR

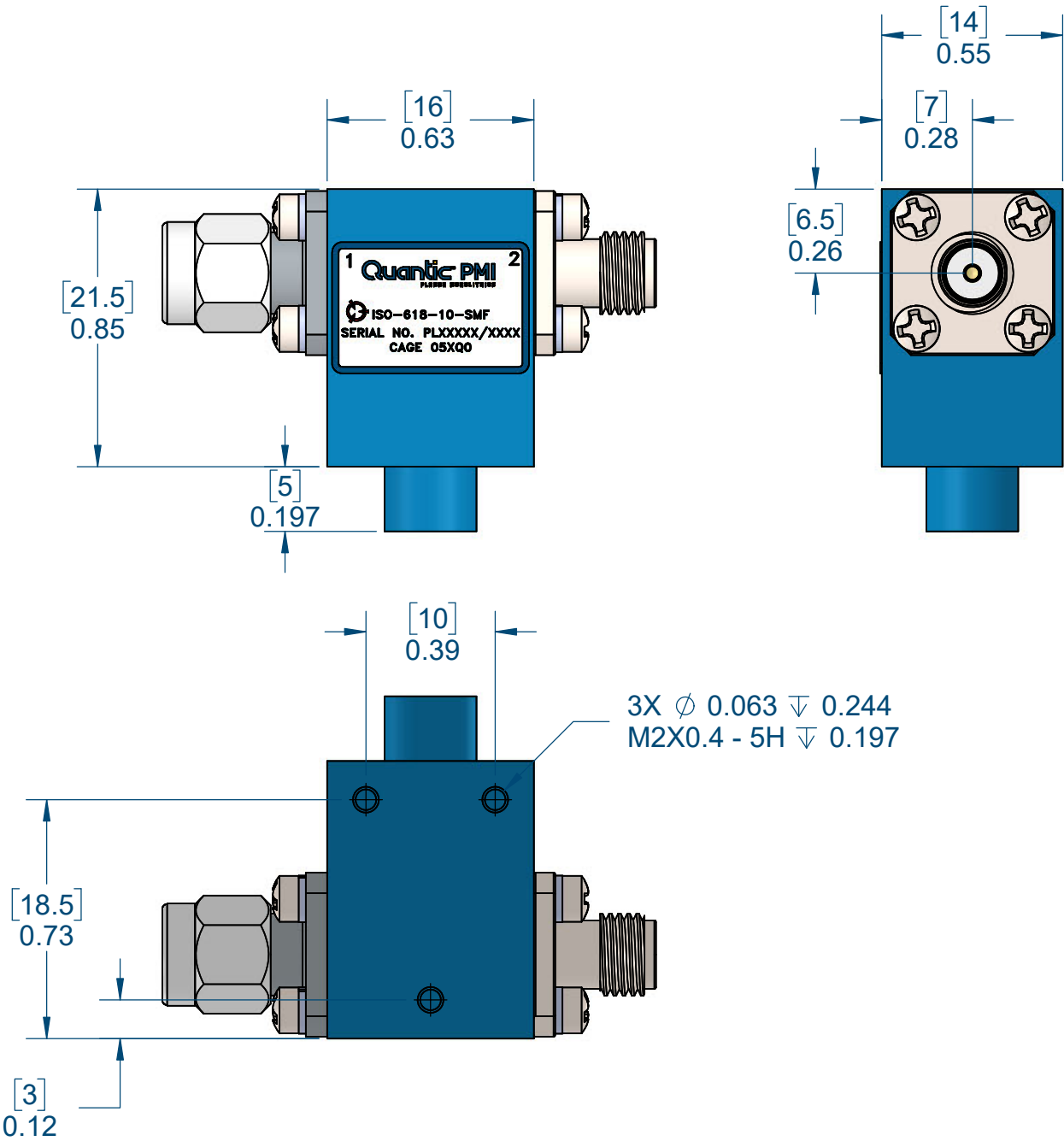
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	6/12/2024	
	B1	ECN # 25-0126	4/24/2025	
	B2	ECN # 25-0142	5/12/2025	

SPECIFICATIONS:

- FREQUENCY RANGE:..... 6.0 TO 18.0 GHz
- INSERTION LOSS:..... 1.5 dB MAX
- ISOLATION:..... 10 dB MIN
- VSWR:..... 1.9:1 MAX
- FORWARD POWER:..... 60 W
- REVERSE POWER:..... 10 W
- CONNECTORS:..... SMA MALE/ SMA FEMALE
- SIZE:..... 0.85" X 0.63" X 0.55"
- FINISH:..... PAINTED BLUE

ENVIRONMENTAL RATINGS:

- TEMPERATURE:..... +25°C TO +70°C (OPERATING)
- ALTITUDE:..... MIL-STD-202, METHOD 105C COND. B
- HUMIDITY:..... MIL-STD-202, METHOD 103B COND. B
- SHOCK:..... MIL-STD-202, METHOD 213B COND. B
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NOTE: SPECIFICATIONS WILL VARY OVER TEMPERATURE
NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

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	M.LAULIS	6/12/2024
REDRAWN		
ISSUED		

Quantac PMI

PLANAR MONOLITHICS

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ISO 9001 CERTIFIED

TITLE

OUTLINE
ISO-618-10-SMF

SIZE	FSCM NO.	DWG NO.	REV.
B	05XQ0	27048940	B2

SCALE 2:1

SHEET 1 OF 1