

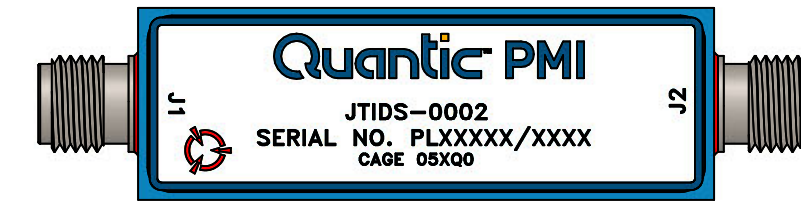
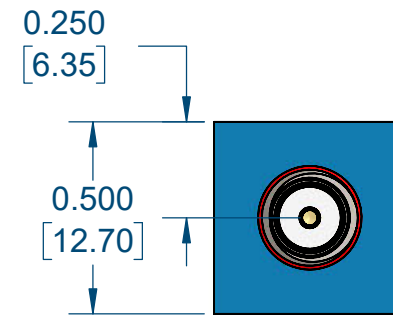
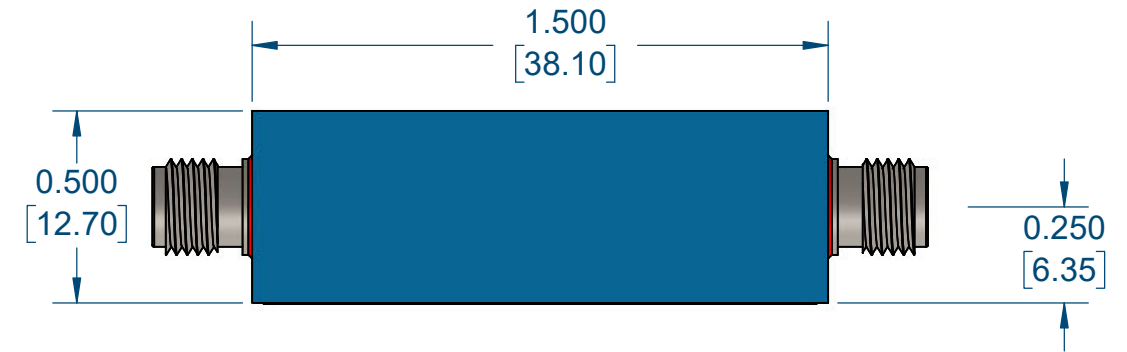
DESCRIPTION:

PMI MODEL: JTIDS-0002 IS A BAND REJECT FILTER CENTERED AT 1090 MHz. THIS FILTER REJECTS FREQUENCIES FROM 960 TO 1220 MHz AND WAS SPECIFICALLY DESIGNED FOR MILITARY JTIDS APPLICATIONS. PACKAGE SIZE IS 1.5" X 0.5" X 0.5" WITH SMA FEMALE CONNECTORS.

ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	9/10/2025	

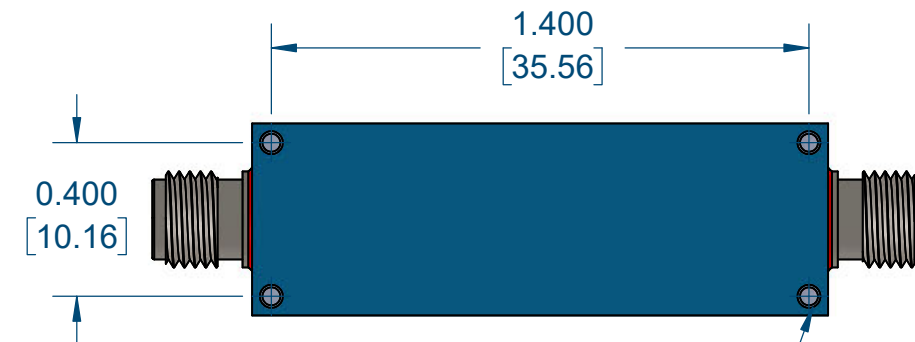
SPECIFICATIONS:

- CENTER FREQUENCY:..... 1090 MHz
- NOTCHED BANDWIDTH:..... 260 MHz (960 to 1220 MHz)
- PASSBAND INSERTION LOSS:..... 6.0 dB MAX (DC - 910 MHz, 1270-2400 MHz)
- PASSBAND VSWR:..... 2.0:1 TYP
3.5:1 MAX @ PASSBAND EDGE
- REJECTION:..... 40 dBc MIN @ 960 TO 1220 MHz
- CONNECTORS:..... SMA FEMALE
- FINISH:..... PAINTED BLUE



ENVIRONMENTAL RATINGS:

- TEMPERATURE:..... -40°C TO +85°C (OPERATING)
-40°C TO +100°C (STORAGE)
- HUMIDITY:..... MIL-STD-202F, METHOD 103B COND. B
- SHOCK:..... MIL-STD-202F, METHOD 213B COND. B
- VIBRATION:..... MIL-STD-202F, METHOD 204D COND. B
- ALTITUDE:..... MIL-STD-202F, METHOD 105C COND. B
- TEMPERATURE CYCLE:..... MIL-STD-202F, METHOD 107D COND. A



MOUNTING HOLES (4 PLACES)
TAPPED 0-80, 0.25 DEEP

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 M.LAULIS		9/10/2025					
REDRAWN		ISSUED		TITLE OUTLINE JTIDS-0002		SIZE B	FSCM NO. 05XQ0	DWG NO. 27053180	REV. A1
SCALE 2:1					SHEET 1 OF 1				