

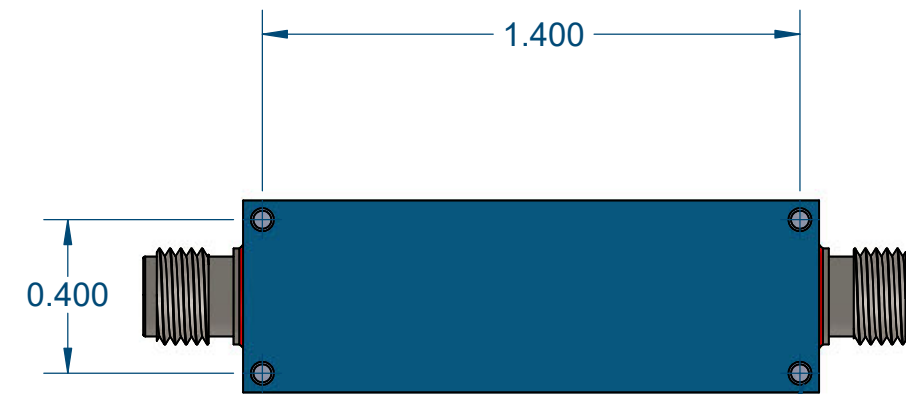
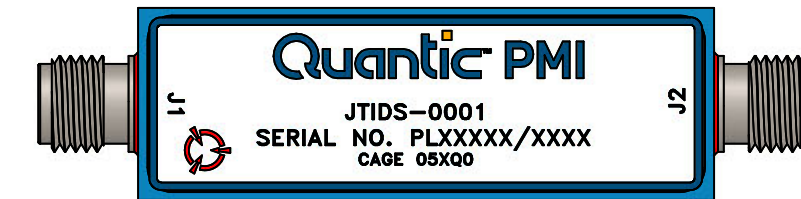
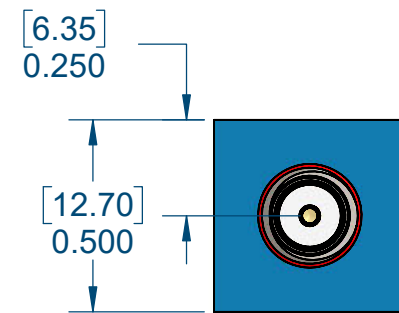
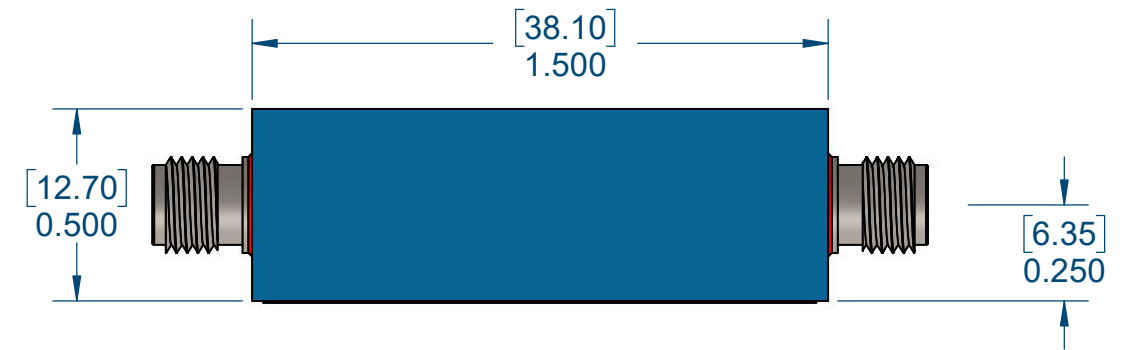
**DESCRIPTION:**

PMI MODEL: JTIDS-0001 IS AN ULTRA SMALL BAND REJECT FILTER CENTERED AT 1085 MHz. THIS FILTER REJECTS FROM 960 TO 1210 MHz AND WAS SPECIFICALLY DESIGNED FOR MILITARY JTIDS APPLICATIONS.

ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	8/4/2025	

**SPECIFICATIONS:**

- CENTER FREQUENCY:..... 1085 MHz
- NOTCHED BANDWIDTH:..... 250 MHz
- PASSBAND INSERTION LOSS:..... 6.0 dB MAX (DC - 910 MHz, 1260-2000 MHz)
- PASSBAND VSWR:..... 2.0:1 TYP (3.5:1 MAX AT PASSBAND EDGE)
- REJECTION:..... -40 dBC MIN @ 960 TO 1210 MHz
- CONNECTORS:..... SMA FEMALE
- SIZE:..... 1.5" x 0.5" x 0.5"
- FINISH:..... PAINTED BLUE



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

**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

PMI CONFIDENTIAL AND PROPRIETARY

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

APPROVALS DRAWN <b>M.LAULIS</b> REDRAWN ISSUED		DATE		TITLE OUTLINE JTIDS-0001			
		8/4/2025					
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS    DECIMALS    ANGLES ±                .XX ± 0.02                ± .XXX ± 0.01		SIZE	FSCM NO.	DWG NO.	REV.		
		B	05XQ0	27052740	A1		
		SCALE 2:1			SHEET 1 OF 1		

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