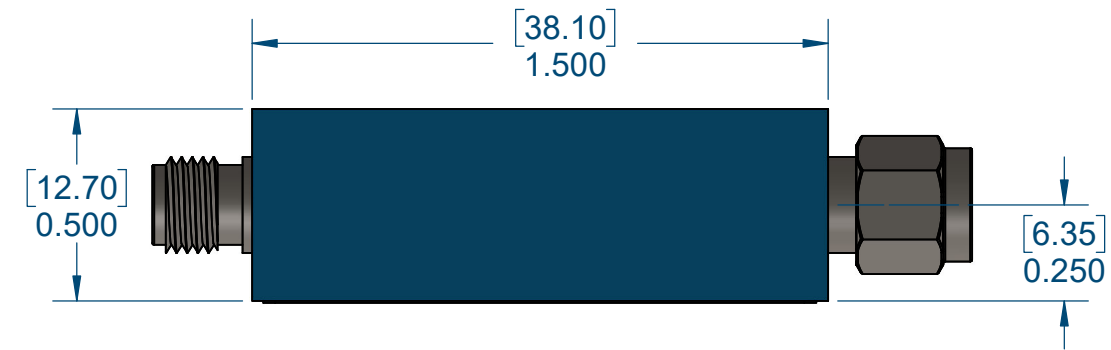
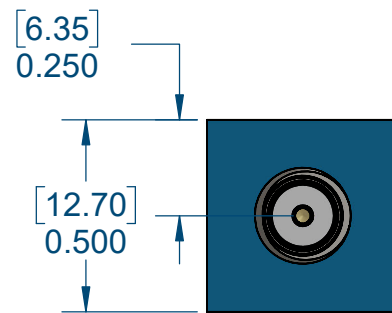


**DESCRIPTION:**

PMI MODEL: JTIDS-0001-SFM 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.

**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 (J1)  
SMA MALE (J2)
- 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

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

ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	3/27/2023	

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            3/27/2023 M.LAULIS REDRAWN ISSUED		TITLE OUTLINE JTIDS-0001-SFM	
		SIZE B	FSCM NO. 05XQ0	DWG NO. 27046040	REV. A1
SCALE 2:1			SHEET 1 OF 1		

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