

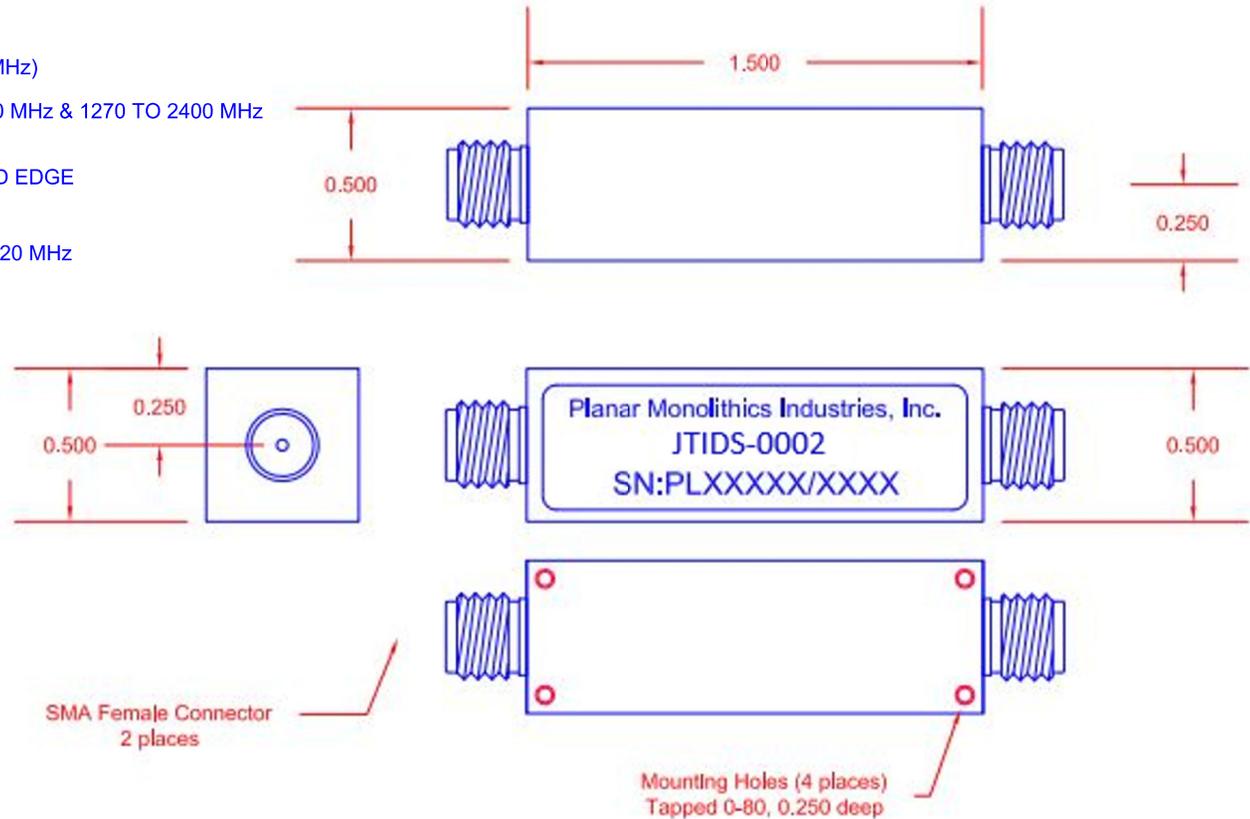
DESCRIPTION:

PMI MODEL NUMBER 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.

SPECIFICATIONS:

- CENTER FREQUENCY: 1090 MHz
- NOTCH BANDWIDTH: 260 MHz (960 TO 1220 MHz)
- PASSBAND INSERTION LOSS: 6.0 dB MAX @ DC to 910 MHz & 1270 TO 2400 MHz
- PASSBAND VSWR: 2.0:1 TYPICAL
3.5:1 MAX @ PASSBAND EDGE
- INPUT POWER: 50 W CW MAX
- REJECTION: 40 dBc MIN @ 960 TO 1220 MHz
- RF CONNECTORS: SMA FEMALE
- FINISH: PAINTED BLUE

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	07/15/25	



PMI CONFIDENTIAL AND PROPRIETARY

ENVIRONMENTAL RATINGS

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

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

ALL DIMENSIONS ARE IN INCHES
 TOLERANCES:
 X.XX ±0.020
 X.XXX ±0.010
 WEIGHT: 2.75 oz.

PLANAR MONOLITHICS INDUSTRIES, INC.

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 ISO 9001 CERTIFIED



APPROVALS		DATE	TITLE		
DRAWN AG		07/15/25	PRODUCT FEATURE JTIDS-0002		
CHECKED			SIZE	FSCM NO.	DWG NO.
ISSUED			A	05XQ0	PRELIMINARY
			SCALE	SHEET 1 OF 1	
			N:S		