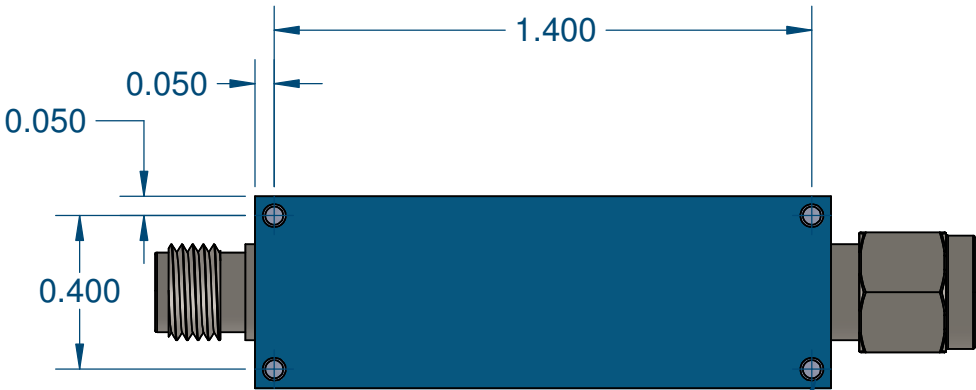
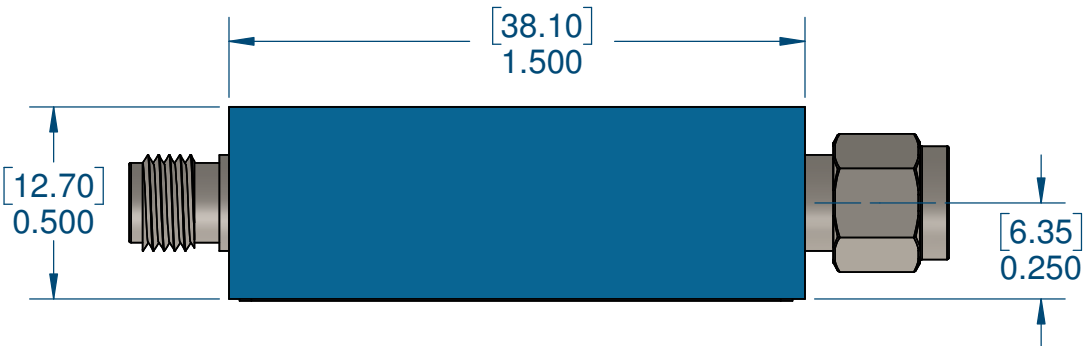
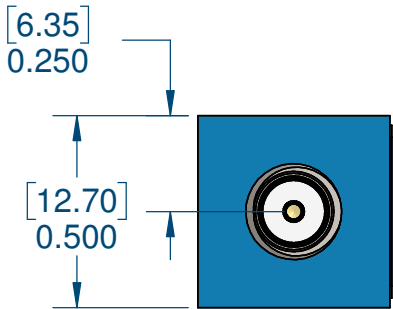


DESCRIPTION:

PMI MODEL: JTIDS-0001-SFM-ROHS 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 | 10/8/24 |          |
|      |      |                  |         |          |
|      |      |                  |         |          |

|                                                                                                                                                                            |  |  |                   |  |                                                                                                                                                                                                                                                                  |  |          |  |          |  |              |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|-------------------|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------|--|----------|--|--------------|--|
| <div></div>                                                                                                                                                                |  |  |                   |  | <div>Quantic PMI</div> <div>PLANAR MONOLITHICS</div> <div>7309-A GROVE ROAD FREDERICK MARYLAND 21704 USA</div> <div>TEL: (301) 662-5019, FAX: (301) 662-1731</div> <div>WEB: WWW.QUANTICPMI.COM, EMAIL: SALES@QUANTICPMI.COM</div> <div>ISO 9001 CERTIFIED</div> |  |          |  |          |  |              |  |
|                                                                                                                                                                            |  |  | APPROVALS         |  | DATE                                                                                                                                                                                                                                                             |  | TITLE    |  |          |  |              |  |
|                                                                                                                                                                            |  |  | DRAWN<br>M.LAULIS |  | 10/8/24                                                                                                                                                                                                                                                          |  |          |  |          |  |              |  |
|                                                                                                                                                                            |  |  | REISSUED          |  |                                                                                                                                                                                                                                                                  |  | OUTLINE  |  |          |  |              |  |
| JTIDS-0001-SFM-ROHS                                                                                                                                                        |  |  |                   |  |                                                                                                                                                                                                                                                                  |  |          |  |          |  |              |  |
| UNLESS OTHERWISE SPECIFIED<br>DIMENSIONS ARE IN INCHES<br>TOLERANCES ARE:<br>FRACTIONS    DECIMALS    ANGLES<br>±                .XX ± 0.02       ±<br>.XXX ± 0.01       ± |  |  | ISSUED            |  | SIZE                                                                                                                                                                                                                                                             |  | FSCM NO. |  | DWG NO.  |  | REV.         |  |
|                                                                                                                                                                            |  |  |                   |  | B                                                                                                                                                                                                                                                                |  | 05XQ0    |  | 27049900 |  | A1           |  |
|                                                                                                                                                                            |  |  |                   |  | SCALE 2:1                                                                                                                                                                                                                                                        |  |          |  |          |  | SHEET 1 OF 1 |  |