

# SPECIFICATION

CRYSTAL BAND PASS FILTER  
PART NUMBER: FN-4749W

| ISSUED / REVISION          | ENGINEER APPROVED | DOCUMENT CHECKED | DRAFTSMAN |
|----------------------------|-------------------|------------------|-----------|
| 11/15/2024 <sup>(PG)</sup> |                   |                  |           |
|                            |                   |                  |           |

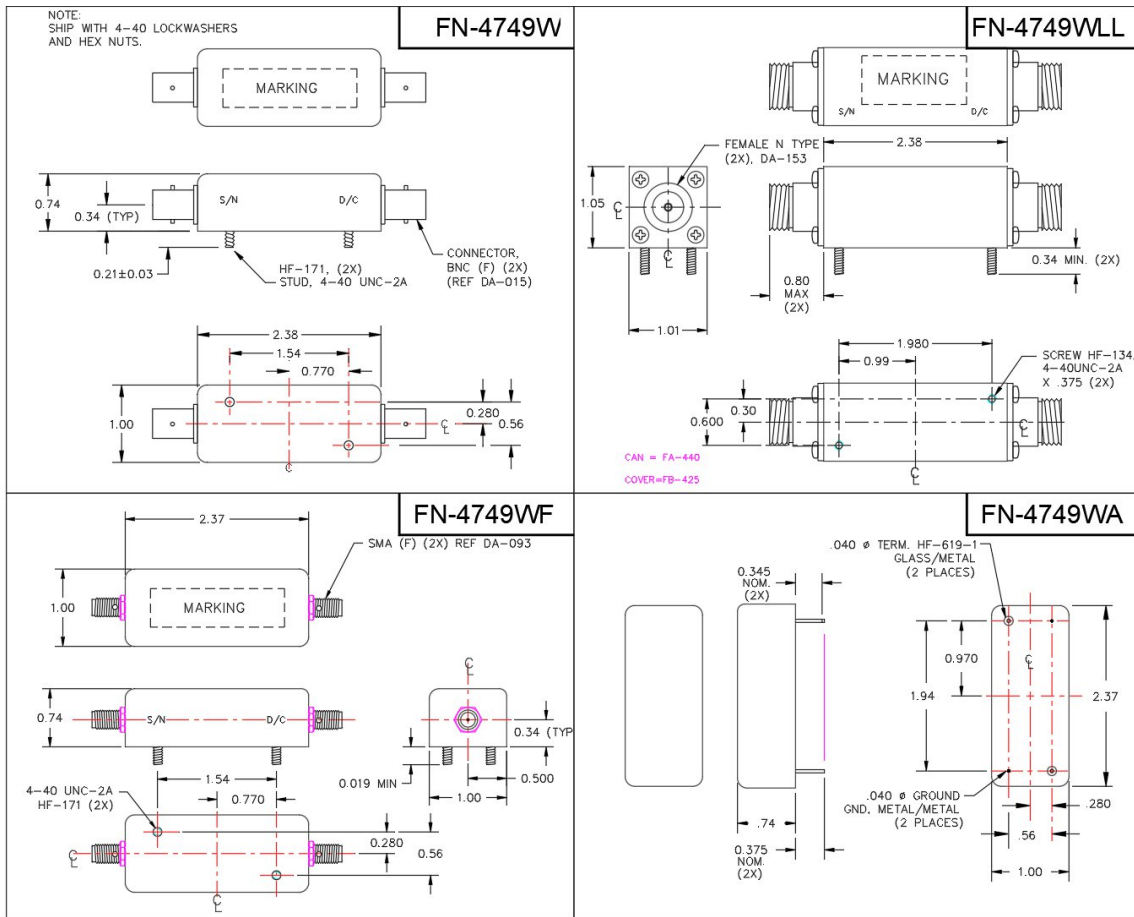
**FILTRONETICS Inc**

1. Part Number: FN-4749W

2. Electrical Specifications:

| Filter Type            | Crystal Band Pass |
|------------------------|-------------------|
| Center Frequency (Fo)  | 219.382 MHz       |
| 3 dB Band Width:       | 12.5 kHz Min      |
| Insertion Loss:        | 12.5 dB Max       |
| Pass Band Ripple:      | 0 dB Typical      |
| 40 dB Band Width:      | 40 kHz Typical    |
| 70 dB Band Width:      | 50 kHz Max        |
| Input Power:           | 0 dBm Max         |
| Impedance:             | 50 Ohms           |
| Operating Temperature: | 0°C to +50°C      |
| Workmanship:           | J-STD-001         |

3. Example Mechanical Package Styles:



4. Theoretical Response Plots:

