

1.575 GHz Surface Mount Notch Filter

N016MD9S

DESCRIPTION

One of DLI's surface mountable catalog notch filters designed for L1 Band GPS. This filter utilizes DLI's low loss temperature stable materials which offer small size and minimal performance variation over temperature.

FEATURES

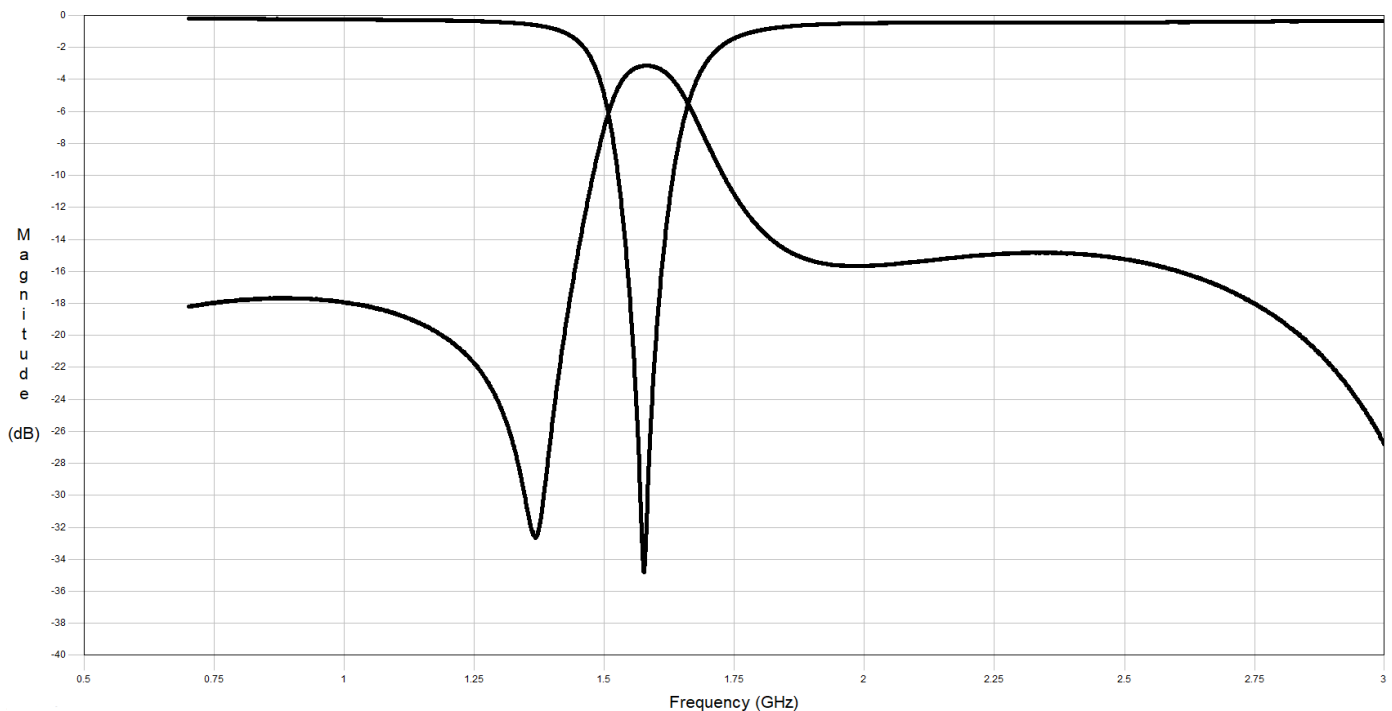
- Small Size
- Shielded Component
- Solder Surface Mount Package
- Moisture Sensitivity Level: MSL1
- Frequency Stable over Temperature
- Operating & Storage Temp: -55°C to +125°C
- Characteristic Impedance: 50Ω

Electrical Specifications

Notch Frequency	1575 MHz
Passband	Dc - 1300 MHz & 1800 - 3000 MHz
Return Loss	12.0 dB Over Passband
Insertion Loss	1.5 dB Over Passband
Rejection	20 dB @ 1570 - 1580 MHz
Size	0.250 X 0.250 X 0.100 inch 6.35 X 6.35 X 2.54 mm

Typical Measured Performance

*Electrical specifications based on typical probed performance at room

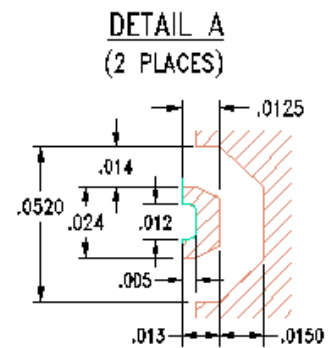
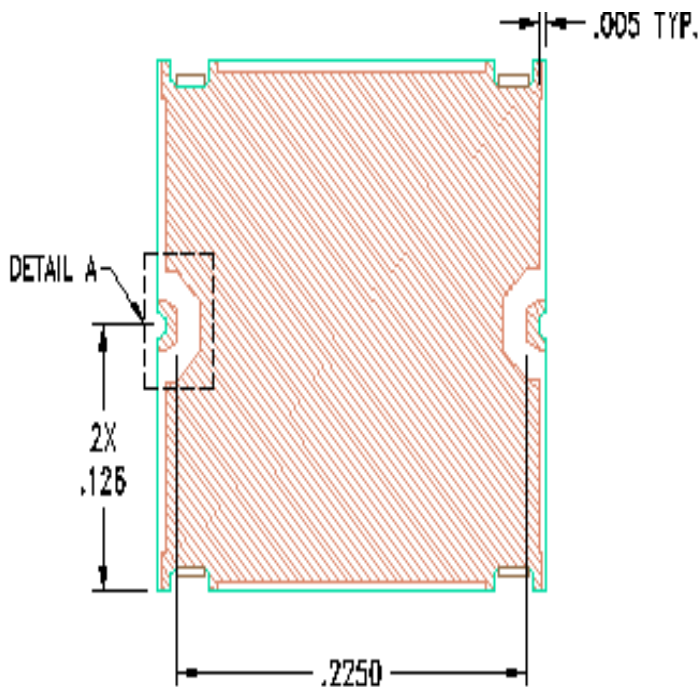
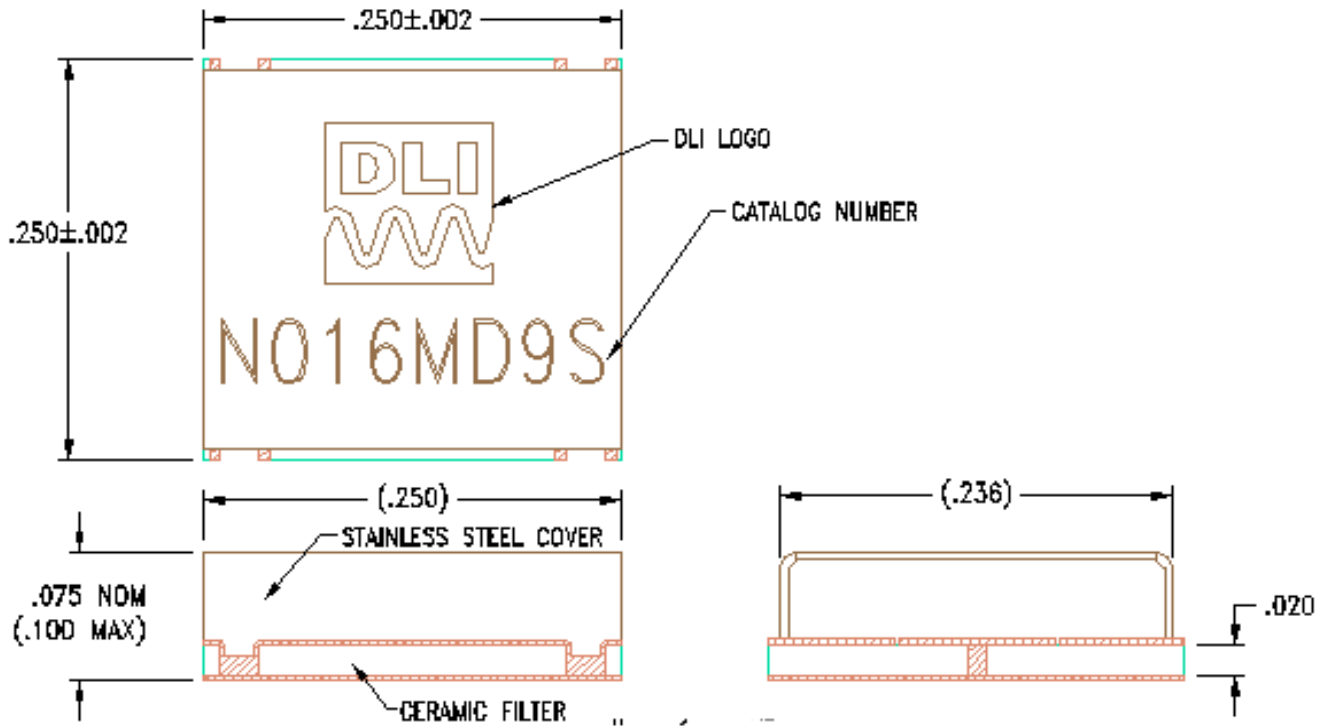


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Physical Dimensions

Units = inches



- 50Ω trace dimensions are application specific.
- Ensure adequate grounding beneath the part.

