



Overview

NIC introduces a high frequency LC filter at 5252 MHz, designed for use in Hi-Rel C-band applications. This filter offers high performance in a low profile hermetically sealed package.

Features

- Low Profile (0.2" & up)
- Low Insertion loss and high rejection
- Ruggedized package for Hi-Rel environments



Scan QR code to visit our website and view our LC filter capabilities



5252 MHz LC filter

Example Specification:

Parameter	Specification
Center Frequency	5252 MHz
1 dB Bandwidth	600 MHz min
Insertion Loss	3 dB max at 5252 MHz
VSWR	1.5:1 max in passband
Attenuation	40 dBc min @ 1000 to 4390 MHz 40 dBc min @ 6250 to 10000 MHz
Power Handling	20 dBm max
Impedance (Input/output)	50 Ohms
Package Style (Input / Output)	SMT
Operating Temperature	-20° C to +60° C
Mechanical Dimensions (Inches)	1 x 0.4 x 0.2 + Tabs

Typical Response:

