



Overview

NIC introduces a high frequency fundamental Crystal filter at 200 MHz, designed to achieve spectral purity in clock/timing applications. They can be custom designed for any center frequencies up to 250 MHz

Features

- Low Insertion loss
- High ultimate rejection of > 75dB
- Compact package Size.
- Ruggedized package for Hi-Rel environments



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



200 MHz Crystal Filter

Example Specification:

Parameter	Specification
Center Frequency	200 MHz
3 dB Bandwidth	50 KHz
Insertion Loss	6dB max 5dB Typ
Passband Ripple (Peak to Valley)	0.5dB
Attenuation	40dB @ $F_c \pm 100$ KHz Ultimate Rejection: 75dB
Spur Response	45dBc
Impedance (Input / Output)	50 Ω
Package Style (Input / Output)	SMT
Operating Temperature	-40° C to +70° C Tolerance @ -40° C: ± 5 KHz Tolerance @ -70° C: ± 5 KHz Storage Temp: -30° C to +85° C
Mechanical Dimensions (Inches)	1 x 0.5 x 0.28 + Tabs

Typical Response:

