



HIGH FREQUENCY FUNDAMENTAL SMD MONOLITHIC CRYSTAL FILTER - MHS1 Series

FEATURES

- Industry Standard Footprint, Compact Size (7 x 5 mm) with 1.4 mm Height Maximum
- Excellent Vibration Resistance and Shock Resistance
- Withstand IR or Vapor Phase Soldering Reflow, Excellent Solderability
- RoHS Compliant (Pb-Free)

SPECIFICATIONS

Normal Frequency Range 70.0 MHz - 270 MHz
Resonance Mode Fundamental
Numbers of Pole 2

Pass Bandwidth (3 dB) ± 7.5 KHz to ± 15 KHz
Pass Bandwidth (15 dB) ± 25 KHz to ± 60 KHz
Passband Ripple (dB) 1 Maximum

Insertion Loss (dB) 3 Maximum
Ultimate Attenuation 70 dB, -910 KHz
Terminating Impedance 850 Ohms // 0.25 pF (ref. 161.9875 MHz, consult factory)
Operation Temperature Range -40°C to 85°C
Storage Temperature Range -45°C to 85°C

Typical Part Number MH - Pass Bandwidth - Pole (A:2) - Case Style - Frequency - Package Option

P/N Example MH15AS1-161M9875
 Monolithic Crystal Filter in 7x5x1.4 mm SMD package -S1;
 Nominal frequency: 161.9875MHz, Fundamental; Pass bandwidth: ± 7.5 kHz; 2 Poles.

OUTLINE DRAWING

