Specification for crystal filter: QF 5.0-0300/04

1. General
1.1. Package:

1.2. Type name: QF 5.0-0300/04
1.3. Number of poles: 4
1.4. Operating temperature range: -20°C to +70°C
1.5. Storage temperature range: -40°C to +85°C

2. Electric values
2.1. Nominal centre frequency fo: 5.0 MHz

2.2. Pass band
2.2.1. Centre frequency fc ( at +25°C ): 5.0 MHz ± 80 Hz
2.2.2. Bandwidth between 3 dB - frequencies: > fc ± 1.5 kHz
2.2.3. Ripple in pass band ( fc ± 1.5 kHz ): < 0.5 dB ( peak to peak )
2.2.4. Differential group delay within fc ± 1.5 kHz: < 200 µs
2.2.5. Insertion loss: < 3.0 dB
   ( measured on smallest attenuation in pass band )

2.3. Stop band
2.3.1. fc ± 7.0 kHz: > 40 dB
2.3.2. fc ± 12 kHz: > 60 dB
2.3.3. fc ± 22 kHz: > 80 dB
2.3.4. Guaranteed attenuation ( fc ± 910 kHz ): > 80 dB ( except spurious )

2.4. Terminating impedance ( input and output ): 50 Ω // 0 pF

2.5 Maximum input power level: +10 dBm / +15 dBm ( working / non-damaged )

3. Marking:
manufacturer, date code QF 5.0-0300/04

4. Environment conditions:
Corresponding to Vectron MIL standard

Edited by: _____________________________   name: _______________________________