Specification for crystal filter: **QF 5.0-0600/08**

1. General
1.1. Package:

![Diagram showing package dimensions]

1.2. Type name: QF 5.0-0600/08
1.3. Number of poles: 4
1.4. Operating temperature range: -40°C to +85°C
1.5. Storage temperature range: -55°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 ± 90 Hz
2.2.2. Bandwidth between 3 dB - frequencies: > fc ± 3.0 kHz
2.2.3. Ripple in pass band: < 1.0 dB (peak to peak)
2.2.4. Insertion loss: < 5.0 dB
   (measured on smallest attenuation in pass band)
2.2.5. Differential group delay within fc ± 3.0 kHz: < 100 µs

2.3. Stop band
2.3.1. fc ± 15 kHz: > 40 dB
2.3.2. fc ± 24 kHz: > 60 dB
2.3.3. fc +41 kHz / fc -43 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 5.0-0600/08

4. Environment conditions: Corresponding to Vectron MIL standard

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Edited by: _____________________________   name: _______________________________