Specification for crystal filter:  

Q F 5.0 - 0600 / 04

1. General

1.1. Package:

1.2. Type name: QF 5.0-0600/04

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 ± 90 Hz

2.2.2. Bandwidth between 3 dB - frequencies: > fc ± 3.0 kHz

2.2.3. Ripple in pass band: < 0.5 dB ( peak to peak )

2.2.4. Differential group delay within fc ± 3.0 kHz: < 100 µs

2.2.5. Insertion loss: < 3.5 dB

( measured on smallest attenuation in pass band )

2.3. Stop band

2.3.1. fc ± 14 kHz: > 40 dB

2.3.2. fc ± 23 kHz: > 60 dB

2.3.3. fc ± 40 kHz / fc ± 42 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 5.0-0600/04

4. Environment conditions: Corresponding to Vectron MIL standard

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Edited by: _____________________________   name: _______________________________