Specification for crystal filter: 

Q F 9 . 5 6 2 5 - 3 0 0 0 / 0 6

1. General
1.1. Package:

1.2. Type name: QF 9.5625-3000/06
1.3. Number of poles: 4
1.4. Operating temperature range OTR: -30°C to +60°C
1.5. Storage temperature range: -40°C to +85°C

2. Electric values
2.1. Nominal centre frequency fo: 9.56250 MHz
2.1.1. Stability of centre frequency in OTR: < ± 300 Hz (referred to +25°C)
2.1.2. Centre frequency fc (measured at +25°C): fo ± 500 Hz

2.2. Pass band
2.2.1. Bandwidth between 3 dB - frequencies: > fo ± 15 kHz
2.2.2. Ripple in pass band within fo ± 10 kHz: < 1.0 dB (peak to peak)
2.2.3. Insertion loss: < 5.0 dB
   (measured on smallest attenuation in pass band)
2.2.4. Phase linearity within fo ± 8 kHz:
   (measured as deviation from a regression line) < ± 3.0 deg.

2.3. Stop band
2.3.1. fo ± 40 kHz > 30 dB
2.3.2. fo ± 65 kHz > 50 dB
2.3.3. fo ± 120 kHz > 70 dB (except spurious)
2.3.4. Guaranteed attenuation:
   (DC < f < 7.5 MHz and 10.5 MHz < f < 25 MHz) > 90 dB (except spurious)

2.4. Terminating impedance (input and output): 50 Ω // 0 pF
2.5. Maximum input power level: +15 dBm / +25 dBm (working / non-damaged)

3. Marking: 
   manufacturer, date code
   QF 9.5625-3000/06

4. Environment conditions: Corresponding to Vectron MIL standard

Edited by: ___________________________   name: __________________________________