Specification for crystal filter: **Q F 2.7648-1600/07**

1. General

1.1. Package:

1.2. Type name: QF 2.7648-1600/07

1.3. Number of poles: 4

1.4. Operating temperature range: +10°C to +60°C

1.5. Storage temperature range: -40°C to +100°C

2. Electric values

2.1. Nominal centre frequency (fo): 2.76480 MHz

2.2. Pass band

2.2.1. Bandwidth between 3 dB - frequencies: > fo ± 8.0 kHz

2.2.2. Ripple in pass band at fo ± 6.5 kHz: < 2.0 dB
2.2.3. Differential group delay at fo ± 8.0 kHz: < 100 µs
2.2.4. Insertion loss: < 5.0 dB
2.2.5. Return loss at fo +8.0 kHz / -7.0 kHz: > 12 dB at +25°C

2.3. Stop band
2.3.1. fo ± 55 kHz: > 60 dB
2.3.2. fo ± 100 kHz: > 80 dB
2.3.3. fo ± 100 kHz……..500 kHz: > 80 dB (except spurious)

2.4. Terminating impedance (input and output): 910 Ω // 3.0 pF

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

2.5.1. Input power level for reference measurements: -10 dBm

3. Marking: [top view image]

4. Environment conditions: Corresponding to Vectron standard CF001

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Edited by: __________________ date: ___________________ name: ___________________