Specification for monolithic crystal filter: MQF 45.0-3000/32

1. General
1.1. Package:

1.2. Type name: MQF 45.0-3000/32
1.3. Number of poles: 6
1.4. Operating temperature range: -55°C to +85°C
1.5. Storage temperature range: -55°C to +85°C

2. Electric values
2.1. Nominal centre frequency fo: 45.0 MHz
2.2. Pass band
2.2.1. Bandwidth between 3 dB - frequencies: > fo ± 15.0 kHz
2.2.2. Ripple: < 1.0 dB at fo ± 10.0 kHz
2.2.3. Insertion loss: < 4.0 dB
   (measured on smallest attenuation in pass band)
2.3. Stop band
2.3.1. fo ± 62 kHz > 70 dB
2.3.2. fo ± 73 kHz > 80 dB
2.3.3. Spurious responses > 50 dB
2.3.4. Alternate Attenuation > 80 dB (except spurious)
2.4.1 Nominal input power level +5 dBm
2.4.2. Maximal input power level +20 dBm
2.5. Terminating impedance R/C (input and output): 50 Ω // 0 pF

3. Marking: manufacturer, date code MQF 45.0-3000/32

4. Environment conditions: Corresponding to Vectron standard CF001

Edited by: ____________________________ date: ____________________________ name: ____________________________