Specification for monolithic crystal filter: MQF 45.0-0750/04

1. General
1.1. Package:

1.2. Type name: MQF 45.0-0750/04
1.3. Number of poles: 8
1.4. Operating temperature range: -20°C to +70°C
1.5. Storage temperature range: -45°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 ± 3.75 kHz
2.2.2. Ripple: < 2.0 dB at fo ± 3.0 kHz
2.2.3. Insertion loss: < 7.0 dB (measured on smallest attenuation in pass band)

2.3. Stop band
2.3.1. fo ± 12.5 kHz > 65 dB
2.3.2. fo ± 25 kHz, ..., ± 500 kHz > 80 dB
2.3.3. Alternate attenuation: > 80 dB (except spurious)

2.4. Terminating impedance (input and output): 350 Ω // 5.0 pF

3. Marking: manufacturer, date code 45.0-0750/04

4. Environment conditions: Corresponding to Vectron standard CF001

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Edited by: ___________________________ date: ___________________________ name: ___________________________