Specification for monolithic crystal filter: MQF 30.0-0600/03

1. General
1.1. Package:

1.2. Type name: MQF 30.0-0600/03
1.3. Number of poles: 6
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: 30.0 MHz
2.2. Pass band
2.2.1. Bandwidth between 3 dB - frequencies: > fo ± 3.0 kHz
2.2.2. Ripple: < 2.0 dB at fo ± 2.0 kHz
2.2.3. Insertion loss: < 5.5 dB
( measured on smallest attenuation in pass band )
2.3. Stop band
2.3.1. fo ± 10 kHz > 40 dB
2.3.2. fo ± 12.5 kHz > 60 dB
2.3.3. Alternate Attenuation > 60 dB
2.4. Nominal / maximum input power level 0 dBm / +15 dBm
2.5. Terminating impedance R/C (input and output): 50 Ω // 0 pF

3. Marking:

4. Environment conditions: Corresponding to Vectron standard CF001