Specification for monolithic crystal filter: MQF 70.0-0800/09

1. General
1.1. Package:

GV10S2
RoHS compliant

1.2. Type name: MQF 70.0-0800/09
1.3. Number of poles: 6
1.4. Operating temperature range: -40°C to +85°C
1.5. Storage temperature range: -45°C to +85°C

2. Electric values

2.1. Nominal centre frequency fo: 70.0 MHz

2.2. Pass band

2.2.1. Bandwidth between 3 dB - frequencies: > fo ± 4.0 kHz
2.2.2. Ripple at fo ± 2 kHz: < 1 dB
2.2.3. Group delay distortion at fo ± 4 kHz: < 60 µs
2.2.4. Insertion loss: < 7.0 dB
( measured on smallest attenuation in pass band )

2.3. Stop band

2.3.1. fo ± 25 kHz > 60 dB
2.3.2. fo ± 30 kHz > 70 dB
2.3.3. fo ± 455 kHz > 60 dB
2.3.4. Spurious responses: > 50 dB

2.4. Terminating impedance (input and output): 50 Ω // 0 pF

2.5. Nominal drive level: < -5 dBm

3. Marking: manufacturer, date code
MQF 70.0-0800/09

4. Environment conditions: Corresponding to Vectron standard CF010

Edited by: ____________________________ date: ________________ name: ____________________________