Specification for monolithic crystal filter: MQF 10.7-1500/52

1. General
1.1. Package:

1.2. Type name: MQF 10.7-1500/52
1.3. Number of poles: 2
1.4. Operating temperature range: -20°C to +70°C
1.5. Storage temperature range: -35°C to +85°C

2. Electric values
2.1. Nominal centre frequency fo: 10.7 MHz

2.2. Pass band
2.2.1. Bandwidth between 3 dB - frequencies: > fo ± 7.5 kHz
2.2.2. Ripple in pass band: < 0.5 dB (peak to peak)
2.2.3. Insertion loss: < 2.0 dB (measured on smallest attenuation in pass band)

2.3. Stop band
2.3.1. fo ± 25 kHz > 18 dB
2.3.2. Alternate attenuation fo ± 1 MHz > 40 dB (except spurious)
2.3.3. Spurious responses within fo ± 1 MHz > 18 dB

2.4. Terminating impedance (input and output): 3000 Ω // 2.5 pF

3. Marking: manufacturer, date code 10.7-1500/52

4. Environment conditions: Corresponding to Vectron standard CF001

_________________________________________________ ____________________________________
Edited by: ____________________________  name: ______________________________