Specification for monolithic crystal filter: MQF 10.7-1500/54

1. General
1.1. Package:

1.2. Type name: MQF 10.7-1500/54
1.3. Number of poles: 4
1.4. Operating temperature range: -30°C to +70°C
1.5. Storage temperature range: -45°C to +85°C

2. Electric values

2.1. Nominal centre frequency fo: 10.7 MHz

2.2. Pass band

2.2.1. Centre frequency fo: 10.7 MHz
2.2.2. Bandwidth between 3 dB - frequencies: > fo ± 7.5 kHz
2.2.3. Ripple: < 1.5 dB at fo ± 6.0 kHz
2.2.4. Insertion loss: < 3.0 dB (measured on smallest attenuation in pass band)

2.3. Stop band

2.3.1. fo ± 35 kHz > 50 dB
2.3.2. fo ± 55 kHz > 60 dB
2.3.3. Alternate attenuation > 80 dB (except spurious)

2.4. Terminating impedance (input and output): 50 Ω // 0 pF
2.5. Maximum input power level: +15 / +25 (working / non-damaged)

3. Marking: VI yyww
10.7-1500/54

4. Environment conditions: Corresponding to Vectron standard CF001

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Edited by: ____________________________ name: _____________________________