Specification for monolithic crystal filter: MQF 10.7-1680/08

1. General

1.1. Package: 4 x GH 3 (each filter consists of 4 pcs. of matched duals)

1.2. Type name: MQF 10.7-1680/08

1.3. Number of poles: 8

1.4. Operating temperature range: -40°C to +85°C

1.5. Storage temperature range: -55°C to +105°C

2. Electric values

2.1. Nominal centre frequency fo: 10.7 MHz

2.2. Pass band

2.2.1. Bandwidth between 6 dB - frequencies: ≥ fo ± 8.4 kHz

2.2.2. Ripple: ≤ 2.0 dB at fo ± 7.0 kHz

2.2.3. Insertion loss: ≤ 3.0 dB

( measured on smallest attenuation in pass band )

2.3. Stop band

2.3.1. fo ± 16.6 kHz ≥ 45 dB

2.3.2. fo ± 24.5 kHz ≥ 90 dB

2.3.3. Alternate attenuation: ≥ 90 dB (except spurious)

2.4. Terminating impedance (input and output): 5300 Ω // 0 pF

2.4.1. Coupling capacitance Ck1,Ck3: 1.8 pF

Ck2: 2.5 pF

3. Marking: manufacturer, date code MQF 10.7-1680/08

4. Environment conditions: Corresponding to Vectron standard CF001

Edited by: _____________________________ name: _____________________________