Specification for monolithic crystal filter: MQF 35.25 - 5000/08

1. General
1.1. Package:

Please note:
- package is not suitable for reflow soldering
- filters are 2002 / 95 / EC RoHS compliant

1.2. Type name: MQF 35.25-5000/08
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: 35.25 MHz
2.2. Pass band
2.2.1. Centre frequency fc: 35.25 MHz ± 2.0 kHz
2.2.2. Bandwidth between 3 dB - frequencies: > fc ± 25 kHz
2.2.3. Ripple: < 1.5 dB at fc ± 17.5 kHz
2.2.4. Insertion loss: < 5.0 dB (measured on smallest attenuation in pass band)

2.3. Stop band
2.3.1. fc ± 100 kHz: > 70 dB
2.3.2. Alternate attenuation: fo ± 910 kHz > 60 dB
2.3.3. Spurious responses: > 60 dB

2.4. Terminating impedance (input and output): 50 Ω // 0 pF
2.5. Maximum Input power level (working/non-damaged): 0 / +10 dBm

3. Marking: Corresponding to Vectron standard CF001

4. Environment conditions:

Edited by: ___________________________ date: ___________________________ name: ___________________________