Specification for monolithic crystal filter: MQF 40.68-5000/02

1. General
1.1. Package:

1.2. Type name: MQF 40.68-5000/02
1.3. Number of poles: 4
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: 40.68 MHz
2.2. Pass band
  2.2.1. Centre frequency fc: 40.68 MHz ± 1.5 kHz
  2.2.2. Bandwidth between 3 dB - frequencies: > fo ± 25 kHz
  2.2.3. Ripple: < 1.0 dB peak to peak
  2.2.4. Insertion loss: < 2.5 dB
     (measured on smallest attenuation in pass band)
2.3. Stop band
  2.3.1. fo ± 190 kHz > 60 dB (except spurious)
  2.3.2. Alternate attenuation > 80 dB (except spurious)
2.4. Nominal input power level: 0 dBm
2.4.1. Maximal input power level: +15 dBm
2.5. Terminating impedance R//C (input and output): 100 Ω // 0 pF
2.6. Inband Intermodulation IP3 (with test tones
     frequency at fo ± 1 kHz and input power of 0 dBm
     > +33 dBm (IMD > 66 dB)
3. Marking: manufacturer, date code
           MQF 40.68-5000/02
4. Environment conditions: Corresponding to Vectron standard CF001

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Edited by:  date: ___________________________ name: ___________________________