Specification for monolithic crystal filter: MQF 10.0-0760/06

1. General
1.1. Package:

1.2. Type name: MQF 10.0-0760/06
1.3. Number of poles: 2
1.4. Operating temperature range: -40°C to +85°C
1.5. Storage temperature range: -40°C to +85°C

2. Electric values
2.1. Nominal centre frequency fo: 10.0 MHz

2.2. Pass band
2.2.1. Bandwidth between 3 dB - frequencies: > fo ± 3.8 kHz
2.2.2. Ripple: < 1.0 dB at fo ± 2.0 kHz
2.2.3. Insertion loss: < 1.0 dB (measured on smallest attenuation in pass band)

2.3. Stop band
2.3.1. fo ± 40 kHz: > 30 dB
2.3.2. fo ± 60 kHz.............600 kHz: > 40 dB
2.3.3. Spurious responses: > 14 dB

2.4. Terminating impedance (input and output): 3900 Ω // 2.0 pF

3. Marking: manufacturer, date code 10.0-0760/06

4. Environment conditions: Corresponding to Vectron CF001
5. Soldering:

Reflow soldering: three times max.

6. Recommended footprint:

**Footprint GH3SC**

7. Packing: bulk (maximum 400 pcs./box)
   if requested tape & reel, with maximum 400 pcs./reel

Edited by: ___________________________ date: ______________ name: ___________________________