Specification for monolithic crystal filter: MQF 48.0-0600/03

1. General
   1.1. Package:

   ![Package Diagram]

   1.2. Type name: MQF 48.0-0600/03
   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: 48.0 MHz
   2.2. Pass band
      2.2.1. Bandwidth between 3 dB - frequencies: > fo ± 3.0 kHz
      2.2.2. Ripple: < 2.0 dB at fo ± 2.0 kHz
      2.2.3. Insertion loss: < 6.0 dB
         (measured on smallest attenuation in pass band)
   2.3. Stop band
      2.3.1. fo ± 10 kHz > 40 dB
      2.3.2. fo ± 13.5 kHz > 60 dB
      2.3.3. Alternate Attenuation > 60 dB (except spurious)
   2.4. Nominal / maximum input power level: 0 dBm / +10 dBm
   2.5. Terminating impedance R/C (input and output): 50 Ω // 0 pF

3. Marking:

   ![Marking Diagram]

4. Environment conditions:
   Corresponding to Vectron standard CF001

---

Edited by: ___________________________ date: _________________________ name: ___________________________