Specification for monolithic crystal filter: MQF 45.0 - 2000/18

1. General
   1.1. Package:

   ![Diagram of the package]

   1.2. Type name: MQF 45.0 - 2000/18
   1.3. Number of poles: 8
   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: 45.0 MHz
   2.2. Pass band
      2.2.1. Bandwidth between 6 dB - frequencies: > fo ± 10 kHz
      2.2.2. Ripple: < 1.0 dB at fo ± 6.0 kHz
      2.2.3. Insertion loss:
               (measured on smallest attenuation in pass band)
               < 4.5 dB
   2.3. Stop band
      2.3.1. fo ± 17.5 kHz > 30 dB
      2.3.2. fo ± 32.5 kHz > 85 dB (except spurious)
      2.3.3. Alternate attenuation:
               fo – 910 kHz > 85 dB
      2.4. Terminating impedance (input and output): 550 Ω // 3.7 pF
      2.5. Coupling capacitance: Ck1 | Ck2 | Ck3 10.0 pF | 10.0 pF | 10.0 pF
   3. Marking:
      manufacturer, date code
      MQF 45.0-2000/18
   4. Environment conditions:
      Corresponding to Vectron standard CF001

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Edited by: ___________________________ date: ___________________________ name: ___________________________