Specification for monolithic crystal filter: MQF 30.0-1500/09

1. General
   1.1. Package:

   ![Diagram]

   1.2. Type name: MQF 30.0-1500/09
   1.3. Number of poles: 4
   1.4. Operating temperature range: -20°C to +60°C
   1.5. Storage temperature range: -30°C to +75°C

2. Electric values
   2.1. Nominal centre frequency fo: 30.0 MHz
   2.2. Pass band
      2.2.1. Bandwidth between 3 dB - frequencies: ≥ fo ± 10 kHz
      2.2.2. Ripple: ≤ 1.0 dB at fo ± 7.5 kHz
      2.2.3. Insertion loss: ≤ 3.0 dB
         (measured on smallest attenuation in pass band)
      2.2.4. Input return loss: > 14 dB at fo ± 6.0 kHz
   2.3. Stop band
      2.3.1. fo ± 50 kHz > 50 dB
      2.3.2. Alternate attenuation: > 70 dB (except spurious)
   2.4. Terminating impedance R//C (input and output): 50 Ω // 0 pF
   2.5. Maximum input power (working / non-damaged): +10 dBm / +20 dBm

3. Marking:
   manufacturer, date code
   OUT                   IN
   MQF 30.0-1500/09

4. Environment conditions:
   Corresponding to Vectron MIL standard

Edited by: date: ______________________ name: ______________________