Specification for monolithic crystal filter: **MQF 30.0 – 1000/08**

1. **General**
   1.1. Package:
   
   ![Diagram of the package](image)

   1.2. Type name: MQF 30.0-1000/08
   1.3. Number of poles: 6
   1.4. Operating temperature range: +0°C to +70°C
   1.5. Storage temperature range: -45°C to +85°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: > ± 5 kHz
      2.2.2. Ripple: < 2.0 dB at fo ± 3 kHz
      2.2.3. Insertion loss: < 4.0 dB
         (measured on smallest attenuation in pass band)

   2.3. **Stop band**
      
      2.3.1. fo ± 15 kHz > 60 dB
      2.3.2. Alternate attenuation > 60 dB
      
      2.4. Terminating impedance (input and output): 50 Ω // 0 pF
      2.5. **VSWR:** < 2.0 : 1 (reflection loss < -9.55 dB)

3. **Marking:**
   manufacturer, date code
   MQF 30.0-1000/08

4. **Environment conditions:**
   according to Vectron standard CF001

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Edited by: ___________________________ date: ________________ name: ___________________________