Specification for monolithic crystal filter:  

**MQF 29.25 – 1600/01**

1. **General**
   1.1. Package:

   ![Diagram of the package](image)

   1.2. Type name: MQF 29.25-1600/01

   1.3. Number of poles: 2

   1.4. Operating temperature range: -40°C to +85°C

   1.5. Storage temperature range: -45°C to +85°C

2. **Electric values**

   2.1. Nominal centre frequency fo: 29.25 MHz

   2.2. Pass band

      2.2.1. Bandwidth between 3 dB - frequencies: > ± 8.0 kHz

      2.2.2. Ripple: < 1.0 dB at fo ± 5.0 kHz

      2.2.3. Insertion loss: < 3.0 dB  
      (measured on smallest attenuation in pass band)

   2.3. Stop band

      2.3.1. fo ± 30 kHz  > 18 dB

      2.3.2. Alternate attenuation  > 45 dB (except spurious)

   2.4. Terminating impedance (input and output): 700 Ω // 5.0 pF

   2.5. Input power level for reference measurement: -5 dBm

   2.5.1. Maximum input power level without destruction: +15 dBm

3. **Marking:**

   M2925A1

   yyww

4. **Environment conditions:**

   according to Vectron standard CF001

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Edited by:  
name:  

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