Specification for monolithic crystal filter:  

**MQF 40.625-3000/08**

1. **General**
   1.1. Package:

![Diagram of package](image)

1.2. Type name: MQF 40.625-3000/08

1.3. Number of poles: 4

1.4. Operating temperature range: -20°C to +70°C

1.5. Storage temperature range: -35°C to +85°C

2. **Electric values**

2.1. Nominal centre frequency fo: 40.625 MHz

2.2. **Pass band**

2.2.1. Bandwidth between 6 dB - frequencies: \( \geq fo \pm 15 \text{ kHz} \)

2.2.2. Ripple: Gaussian

2.2.3. Group delay distortion: \( \leq 10 \mu \text{s at fo } \pm 15 \text{ kHz} \)

2.2.4. Insertion loss: \( \leq 6.0 \text{ dB} \)

   (measured on smallest attenuation in pass band)

2.3. **Stop band**

2.3.1. fo \pm 50 kHz: \( \geq 40 \text{ dB at } +25^\circ\text{C} \)

2.3.2. Alternate attenuation: \( \geq 60 \text{ dB (except spurious)} \)

2.4. Terminating impedance (input and output): 50 \( \Omega \) // 0 pF

3. **Marking**

   manufacturer, date code

   MQF 40.625-3000/08

4. **Environment conditions:**

   Corresponding to Vectron standard CF001

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Edited by: ___________________________  date: ___________________________  name: ___________________________