Specification for monolithic crystal filter: **MQF 74.969 – 1300/03**

1. **General**
   1.1. Package: filters have to be lead-free and RoHS conform

![Diagram of filter package](image)

1.2. Type name: MQF 74.969-1300/03
1.3. Number of poles: 6
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 $f_0$: 74.96875 MHz

2.2. **Pass band**

2.2.1. Bandwidth between 3 dB - frequencies: $> \pm 6.5$ kHz
2.2.2. Ripple: $< 2.0$ dB at $f_0 \pm 4.0$ kHz
2.2.3. Insertion loss: $< 6.0$ dB (measured on smallest attenuation in pass band)

2.3. **Stop band**

2.3.1. $f_0 \pm 25$ kHz $> 60$ dB
2.3.2. $f_0 \pm 60$ kHz $> 80$ dB
2.3.3. Alternate attenuation: $> 80$ dB (except spurious)
2.3.4. Spurious responses: $> 30$ dB

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

3. **Marking**: manufacturer, date code
   MQF 74.969-1300/03

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

Edited by: ___________________________  date: ___________________________  name: ___________________________