Specification for monolithic crystal filter: MQF 10.703-0375/04

1. General
1.1. Package:

1.2. Type name: MQF 10.703-0375/04
1.3. Number of poles: 8
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 \( f_0 \): 10.703 MHz
2.2. Pass band
2.2.1. Bandwidth between 6 dB - frequencies: \( \geq f_0 \pm 1.875\, \text{kHz} \)
2.2.2. Ripple: \( \leq 2.0\, \text{dB} \) at \( f_0 \pm 1.2\, \text{kHz} \)
2.2.3. Insertion loss: \( \leq 4.0\, \text{dB} \)
   (measured on smallest attenuation in pass band)
2.3. Stop band
2.3.1. \( f_0 \pm 4.0\, \text{kHz} \): \( \geq 60\, \text{dB} \)
2.3.2. \( f_0 \pm 5.0\, \text{kHz} \): \( \geq 80\, \text{dB} \)
2.3.3. Alternate attenuation \( \geq 80\, \text{dB} \)
2.4. Terminating impedance (input and output): 50 \( \Omega \) // 0 pF
2.5. Level linearity vs. input power (measured at \( f_0 \)): \( < 0.20\, \text{dB} \) (input power range: -40 to -10 dBm)

3. Marking: manufacturer, date code
   MQF 10.703-0375/04

4. Environment conditions: Corresponding to Vectron standard CF001

Edited by: _____________________________ name: ______________________________

Date: _____________________________