Specification for monolithic crystal filter: MQF 21.4-0560/04

1. General
1.1. Package:

1.2. Type name: MQF 21.4-0560/04
1.3. Number of poles: 8
1.4. Operating temperature range: -20°C to +70°C
1.5. Storage temperature range: -30°C to +85°C

2. Electric values
2.1. Nominal centre frequency fo: 21.4 MHz
2.2. Pass band
2.2.1. Bandwidth between 6 dB - frequencies: \( \geq f_0 \pm 2.8 \text{ kHz} \)
2.2.2. Ripple: \( \leq 2.0 \text{ dB at } f_0 \pm 2.0 \text{ kHz} \)
2.2.3. Insertion loss: \( \leq 6.0 \text{ dB} \)
   (measured on smallest attenuation in pass band)
2.3. Stop band
2.3.1. \( f_0 \pm 7.3 \text{ kHz} \) \( \geq 60 \text{ dB} \)
2.3.2. Alternate attenuation \( \geq 80 \text{ dB} \)
2.4. Terminating impedance (input and output): 700 \( \Omega \parallel 6.8 \text{ pF} \)

3. Marking: manufacturer, date code 21.4-0560/04

4. Environment conditions: Corresponding to Vectron standard CF001

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Edited by: ____________________________ name: ____________________________