Specification for monolithic crystal filter: \textbf{MQF 84.25-5000/02}

1. General
1.1. Package:

1.2. Type name: MQF 84.25-5000/02
1.3. Number of poles: 4
1.4. Operating temperature range: -20°C to +70°C
1.5. Storage temperature range: -25°C to +85°C

2. Electric values
2.1. Nominal centre frequency \( f_0 \): 84.25 MHz

2.2. Pass band
2.2.1. Bandwidth between 3 dB - frequencies: \( \geq f_0 \pm 25 \text{ kHz} \)
2.2.2. Ripple: \( \leq 2.0 \text{ dB at } f_0 \pm 15 \text{ kHz} \)
2.2.3. Insertion loss: \( \leq 4.5 \text{ dB} \)
( measured on smallest attenuation in pass band )

2.3. Stop band
2.3.1. \( f_0 \pm 100 \text{ kHz} \): \( \geq 40 \text{ dB (except spurious)} \)
2.3.2. \( f_0 \pm 200 \text{ kHz} \): \( \geq 50 \text{ dB (except spurious)} \)

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

3. Marking: manufacturer, date code MQF 84.25-5000/02

4. Environment conditions: Corresponding to Vectron standard CF001

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Edited by: ______________________________
date: _________________
name: ______________________________