Specification for monolithic crystal filter: **MQF 10.7-1500/04**

1. **General**

1.1. Package:

1.2. Type name: MQF 10.7-1500/04

1.3. Number of poles: 8

1.4. Operating temperature range: -40°C to +85°C

1.5. Storage temperature range: -45°C to +85°C

2. **Electric values**

2.1. Nominal centre frequency \( f_0 \): 10.7 MHz

2.2. **Pass band**

2.2.1. Bandwidth between 3 dB - frequencies: \( \geq f_0 \pm 7.5 \text{ kHz} \)

2.2.2. Ripple: \( \leq 2.0 \text{ dB at } f_0 \pm 6.0 \text{ kHz} \)

2.2.3. Insertion loss: \( \leq 3.5 \text{ dB} \)

( measured on smallest attenuation in pass band )

2.3. **Stop band**

2.3.1. \( f_0 \pm 17.5 \text{ kHz} \): \( \geq 70 \text{ dB} \)

2.3.2. \( f_0 \pm 25 \text{ kHz} \ldots \pm 300 \text{ kHz} \): \( \geq 90 \text{ dB} \)

2.4. Terminating impedance (input and output): 3000 \( \Omega \) // 1.0 pF

3. **Marking**

manufacturer, date code
10.7-1500/04

4. **Environment conditions**

Corresponding to Vectron CF001

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Edited by: 
name:

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