Specification for monolithic crystal filter: **MQF 10.7-2200/10**

1. General

1.1. Package:

1.2. Type name: MQF 10.7-2200/10

1.3. Number of poles: 6

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

1.5. Storage temperature range: -40°C to +85°C

2. Electric values

2.1. Nominal centre frequency fo: 10.7 MHz

2.2. Pass band

2.2.1. Bandwidth between 3 dB - frequencies: \( \geq f_0 \pm 11.0 \text{ kHz} \)

2.2.2. Ripple (at \( f_0 \pm 8.0 \text{ kHz} \)): \( \leq 2.0 \text{ dB} \)

2.2.3. Insertion loss: \( \leq 3.0 \text{ dB} \)

   (measured on smallest attenuation in pass band)

2.3. Stop band

2.3.1. \( f_0 \pm 30 \text{ kHz} \) \( \geq 60 \text{ dB} \)

2.3.2. Alternate attenuation \( \geq 70 \text{ dB} \)

2.3.3. Spurious responses: \( \geq 60 \text{ dB} \)

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

3. Marking:

   Manufacturer, date code

   MQF 10.7-2200/10

4. Environment conditions:

   Corresponding to Vectron standard CF001

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Edited by: ______________________ date: ______________ name: ______________________