Specification for monolithic crystal filter: **MQF 10.7-1200/02**

1. General
1.1. Package: 2 x GH 3 (each filter consists of a pair of two matched duals)

![Diagram of GH3 package](image)

1.2. Type name: MQF 10.7-1200/02
1.3. Number of poles: 4
1.4. Operating temperature range: -40°C to +85°C
1.5. Storage temperature range: -55°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: \( \geq f_0 \pm 6.0 \text{ kHz} \)
2.2.2. Ripple: \( \leq 1.5 \text{ dB at } f_0 \pm 4.0 \text{ kHz} \)
2.2.3. Insertion loss: \( \leq 2.5 \text{ dB} \)
   (measured on smallest attenuation in pass band)

2.3. Stop band
2.3.1. \( f_0 \pm 20 \text{ kHz} \) \( \geq 40 \text{ dB} \)
2.3.2. \( f_0 \pm 300 \text{ kHz} \) \( \geq 60 \text{ dB} \)
2.4. Terminating impedance (input and output): 1800 Ω // 2.5 pF
2.4.1. Coupling capacitance \( C_c \): 8.2 pF

3. Marking: manufacturer, date code 10.7-1200/02

4. Environment conditions: Corresponding to Vectron CF001

Edited by: ____________________________  name: _______________________________