Specification for monolithic crystal filter: **MQF 10.7-2000/11V0**

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

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: $\geq f_0 \pm 10$ kHz

2.2.2. Ripple: $\leq 1.0$ dB (at $f_0 \pm 8$ kHz)

2.2.3. Group delay distortion: $\leq 30$ µs (at $f_0 \pm 8$ kHz)

2.2.4. Insertion loss: $\leq 1.5$ dB
   (measured on smallest attenuation in pass band)

2.3. **Stop band**

2.3.1. $f_0 \pm 25$ kHz $\geq 30$ dB

2.3.2. $f_0 \pm 40$ kHz $\geq 50$ dB (except spurious)

2.3.3. $f_0 \pm 60$ kHz........... $\pm 500$ kHz $\geq 60$ dB (except spurious)

2.4. Terminating impedance (input and output): 4500 Ω // 0.5 pF

2.4.1. Coupling capacitance $C_c$: 2.0 pF

3. **Marking:**

   Manufacturer, date code

10.7-2000/11V0

4. **Environment conditions:**

   Corresponding to Vectron standard CF001

Edited by: ____________________________ name: _______________________________