Specification for monolithic crystal filter: **MQF 45.0 - 0750/06**

1. **General**
   1.1. Package: 2 x GH 9 (each filter consists of a pair of two matched duals)

   ![Diagram of GH 9 package]

   - 2 x GH 9
   - Marking: manufacturer, date code
   - 45.0-0750/06

2. **Electric values**
   2.1. Nominal centre frequency $f_0$: 45.0 MHz

2.2. **Pass band**
   - 2.2.1. Bandwidth between 3 dB - frequencies: $\geq f_0 \pm 3.75$ kHz
   - 2.2.2. Ripple: $\leq 1.0$ dB at $f_0 \pm 3.0$ kHz
   - 2.2.3. Insertion loss: $\leq 4.0$ dB
     (measured on smallest attenuation in pass band)

2.3. **Stop band**
   - 2.3.1. $f_0 \pm 12.5$ kHz: $\geq 30$ dB
   - 2.3.2. $f_0 \pm 910$ kHz: $\geq 90$ dB

2.4. **Terminating impedance** $R/C$ (input and output): 350 $\Omega$ // 6.5 pF
   - 2.4.1. Coupling capacitance ($C_c$): 18 pF

3. **Marking**:
   - manufacturer, date code
   - 45.0-0750/06

4. **Environment conditions**:
   - Corresponding to Vectron standard CF001

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Edited by: ____________________________  date: ____________________________  name: ____________________________