Specification for monolithic crystal filter: **MQF 35.4-0800/05**

1. **General**
   1.1. **Package:**

   ![Package Diagram]

   - 4 contacts
   - Dimensions: Max. 38.4 x 18.2
   - Max. 8.0

   ![GM17 Diagram]

   - R1, C1, C2, R2

1.2. **Type name:** MQF 35.4-0800/05
1.3. **Number of poles:** 10
1.4. **Operating temperature range:** -40°C to +65°C
1.5. **Storage temperature range:** -45°C to +85°C

2. **Electric values**

   2.1. **Nominal centre frequency fo:** 35.4 MHz

2.2. **Pass band**

   2.2.1. **Centre frequency fc:** 35.4 MHz ± 0.5 kHz
   2.2.2. **Bandwidth between 3 dB - frequencies:** ≥ fc ± 4 kHz
   2.2.3. **Ripple:** ≤ 1.0 dB at fc ± 2.0 kHz
   2.2.4. **Insertion loss:** ≤ 7.5 dB
      (measured on smallest attenuation in pass band)

2.3. **Stop band**

   2.3.1. **fc ± 8 kHz**
   2.3.2. **fc ± 20 kHz**
   2.3.3. **alternate attenuation**
       ≥ 80 dB (except spurious)

   2.4. **Phase linearity within fc ± 3 kHz**
       < 10°

   2.5. **Terminating impedance (input and output):**
       50 Ω // 0 pF

3. **Marking:**
   - Manufacturer, date code
   - MQF 35.4-0800/05
   - OEM marking on demand

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

---

Edited by: ____________________________  date: ________________  name: ____________________________