Specification for monolithic crystal filter: **MQF 10.7 - 5000/19**

**1. General**

1.1. Package:

![Package Diagram]

1.2. Type name: MQF 10.7-5000/19
1.3. Number of poles: 4
1.4. Operating temperature range: -40°C to +75°C
1.5. Storage temperature range: -45°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: ≥ fo ± 25 kHz
2.2.2 Ripple: ≤ 1.5 dB at fo ± 15 kHz
2.2.3 Insertion loss: ≤ 6.0 dB (measured on smallest attenuation in pass band)

2.3. **Stop band**

2.3.1. fo ± 80 kHz: > 35 dB
2.3.2. Alternate attenuation: > 65 dB
2.3.3. Spurious responses fo +200 kHz….+500 kHz > 35 dB

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

2.5. Maximum input power (working / non-damaged): 0 / +15 dBm

**3. Marking:**

manufacturer, date code
MQF 10.7-5000/19

**4. Environment conditions:**

Corresponding to Vectron standard CF001

Edited by: _____________________________ name: _____________________________