1. **General**

1.1. **Package:**

1.2. Type name: MQF 70.0-1000/03

1.3. Number of poles: 6

1.4. Operating temperature range: -25°C to +75°C

1.5. Operable temperature range: -30°C to +80°C

1.6. Storage temperature range: -40°C to +85°C

2. **Electric values**

2.1. Nominal centre frequency fo: 70.0 MHz

2.2. **Pass band**

2.2.1. Centre frequency fc (at 25°C): 70.0 MHz ± 400 Hz

2.2.2. Bandwidth between 3 dB - frequencies: ≥ fc ± 5.0 kHz

2.2.3. Ripple: ≤ 2.0 dB at fc ± 4.0 kHz

2.2.4. Insertion loss: ≤ 5.0 dB

    (measured on smallest attenuation in pass band)

2.3. **Stop band**

2.3.1. fc ± 30 kHz ≥ 70 dB

2.3.2. fc ± 60 kHz ≥ 80 dB (except spurious)

2.3.3. fo ± 2.0 MHz ≥ 80 dB (except spurious)

2.3.4. Spurious responses ≥ 50 dB

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

3. **Marking:**

    manufacturer, date code

    MQF 70.0-1000/03

    OEM marking on demand

4. **Environment conditions:**

    Corresponding to Vectron standard CF001