1. General
1.1. Package:

1.2. Type name: MQF 70.0-1500/03
1.3. Number of poles: 6
1.4. Operable temperature range: -30°C to +80°C
1.5. Operating temperature range: -25°C to +70°C
1.6. Storage temperature range: -55°C to +80°C

2. Electric values

2.1. Nominal centre frequency fo: 70.0 MHz

2.2. Pass band

2.2.1. Bandwidth between 3 dB - frequencies: \(\geq f_0 \pm 7.5\) kHz
2.2.2. Ripple: \(\leq 2.0\) dB at \(f_0 \pm 6.0\) kHz
2.2.3. Insertion loss: \(\leq 6.0\) dB
   (measured on smallest attenuation in pass band)

2.3. Stop band

2.3.1. \(f_0 \pm 30\) kHz \(\geq 60\) dB
2.3.2. \(f_0 \pm 100\) kHz \(\leq 70\) dB
2.3.3. Spurious responses: \(\geq 40\) dB

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

2.5. Intermodulation
   frequency 1 / 2: 69.90 MHz / 69.95 MHz
   frequency 3 / 4: 70.05 MHz / 70.10 MHz
   input power level: -10 dBm
   IM: \(\geq 90\) dB

3. Marking: manufacturer, date code MQF 70.0-1500/03

4. Environment conditions: Corresponding to Vectron standard CF001

Edited by: ___________________________ date: ___________________________ name: ___________________________