1. General
1.1. Package:

1.2. Type name: MQF 53.3-1000/03V1
1.3. Number of poles: 6
1.4. Operating temperature range: -20°C to +70°C
1.5. Storage temperature range: -35°C to +85°C

2. Electric values
2.1. Nominal centre frequency $f_0$: 53.3 MHz
2.2. Pass band
   2.2.1. Bandwidth between 1 dB - frequencies: $\geq f_0 \pm 5$ kHz
   2.2.2. Ripple: $\leq 1.0$ dB at $f_0 \pm 5.0$ kHz
   2.2.3. Insertion loss: $\leq 4.0$ dB
      (measured on smallest attenuation in pass band)

2.2.4. VSWR (at $f_0 \pm 5.0$ kHz): $< 2$ (equal to return loss $> 9.54$ dB)

2.3. Stop band
2.3.1. $f_0 \pm 30$ kHz $\geq 60$ dB (except spurious)
2.3.2. Alternate attenuation (fo -2.93 ....... -2.83 MHz) $\geq 80$ dB

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

2.5. Out band intermodulation (IP3 $> 27$ dBm)
- frequencies: 53.32 MHz / 53.34 MHz
- power level at pin 1: $\geq -7$ dBm
- relative attenuation at $f_0$ relating to level at pin 1: $> 68$ dB

3. Marking: manufacturer, date code
MQF 53.3-1000/03V1

4. Environment conditions: Corresponding to Vectron standard CF001