1. General
1.1. Package: The filters have to be RoHS compliant

1.2. Type name: MQF 45.0-1500/52
1.3. Number of poles: 2
1.4. Operating temperature range: -20°C to +70°C
1.5. Storage temperature range: -45°C to +85°C

2. Electric values
2.1. Nominal centre frequency fo: 45.0 MHz

2.2. Pass band
2.2.1. Bandwidth between 3 dB - frequencies: ≥ fo ± 7.5 kHz
2.2.2. Ripple: ≤ 1.0 dB at fo ± 5.0 kHz
2.2.3. Insertion loss: ≤ 2.0 dB
   (measured on smallest attenuation in pass band)

2.3. Stop band
2.3.1. fo ± 25 kHz ≥ 15 dB
2.3.2. fo - 910 kHz ≥ 65 dB

2.4. Terminating impedance R//C (input and output): 650 Ω // 3 pF

2.5. Maximum drive level: 0 dBm

3. Marking: M45A
   V1 date code

4. Environment conditions: Corresponding to Vectron standard CF001

Edited by: ___________________________ date: ___________________________ name: ___________________________