1. General
1.1. Package:

1.2. Type name: MQF 45.0-0600/05
1.3. Number of poles: 10
1.4. Operating temperature range: -40°C to +85°C
1.5. Storage temperature range: -45°C to +85°C

2. Electric values
2.1. Nominal centre frequency $f_0$: 45.0 MHz

2.2. Pass band
2.2.1. Centre frequency $f_c$ at +25°C: 45.0 MHz ± 450 Hz
2.2.2. Bandwidth between 3 dB - frequencies: $> f_c ± 3.0$ kHz
2.2.3. Ripple: $< 2.0$ dB at $f_c ± 2.0$ kHz
2.2.4. Insertion loss: $< 9.0$ dB (measured on smallest attenuation in pass band)

2.3. Stop band
2.3.1. $f_c ± 7.0$ kHz $> 60$ dB
2.3.2. Alternate Attenuation $> 80$ dB (except spurious)

2.4. Maximum input power level: 0 dBm / +20 dBm (working / non-damaged)
2.5. Terminating impedance $R//C$ (input and output): $50 \Omega // 0$ pF

3. Marking:

4. Environment conditions: Corresponding to Vectron standard CF001

Edited by: ________________________________ date: ____________________________ name: ________________________________