1. General

1.1. Package:

1.2. Type name: QF 109.5315-0300/04

1.3. Number of poles: 4

1.4. Operating temperature range: -40°C to +71°C

1.5. Storage temperature range: -55°C to +85°C

1.6. Measuring temperature (oven temperature): +55°C

Please note: All measurements in this specification have to be carried out at oven temperature!

2. Electric values

2.1. Nominal centre frequency fo: 109.5315 MHz

2.2. Pass band

2.2.1. Bandwidth between 0.8 dB - frequencies: > fo ± 1.5 kHz

2.2.2. Ripple in pass band (peak to peak): < 0.8 dB

2.2.3. Insertion loss (measured on smallest attenuation in pass band): < 9 dB

2.3. Stop band

2.3.1. fo ± 4.5 kHz: > 18 dB

2.3.2. Guaranteed attenuation (fo ± 910 kHz): > 50 dB (except spurious)

2.3.3. Spurious responses within (fo +50 kHz….fo +1.0 MHz): > 20 dB

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

2.5. Maximum input power level (working / non-damaged): 0 dBm / +20 dBm

3. Marking: manufacturer, date code QF 109.5315-0300/04

4. Environment conditions: Corresponding to Vectron MIL standard

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Edited by: ____________________________  date: ______________  name: ____________________________