1. General
1.1. Package:

![Bottom view of the package](image)

### 1.2. Type name:
QF 109.5315-0260/04

### 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 ± 1.3 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):
< 10 dB

2.3. Stop band
2.3.1. fo ± 4.0 kHz
> 18 dB

2.3.2. Guaranteed attenuation (fo ± 910 kHz):
> 40 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 109.5315-0260/04

4. Environment conditions:
Corresponding to Vectron MIL standard

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Edited by: ___________________________ name: ___________________________

date: ___________