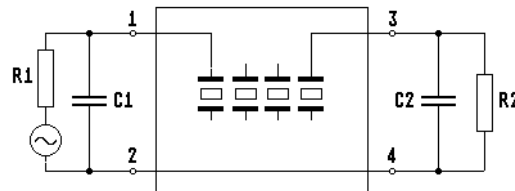
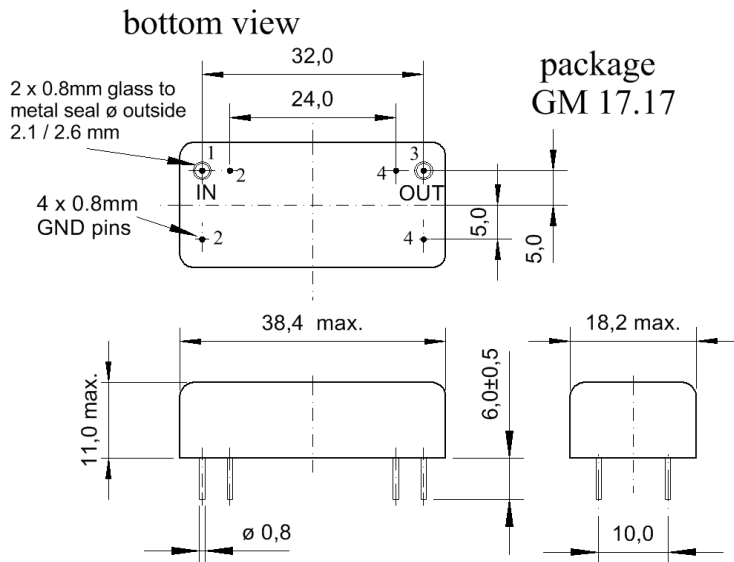


1. General

1.1. Package:



- | | |
|--|---------------------|
| 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 |