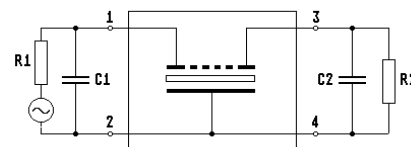
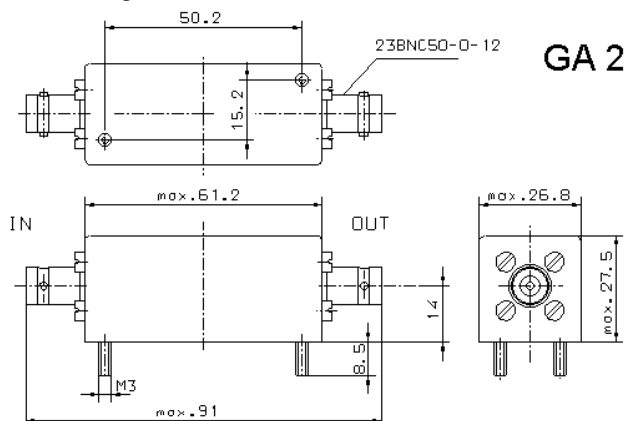


Specification for monolithic crystal filter

MQF 118.....137 -2500/R

1. General

1.1. Package:

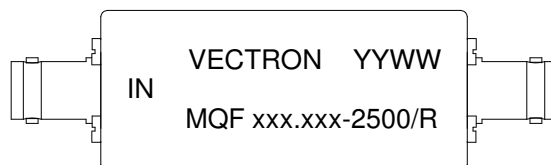


- | | |
|-----------------------------------|--------------------|
| 1.2. Type name: | MQF xxx.xxx-2500/R |
| 1.3. Number of poles: | 4 |
| 1.4. Operating temperature range: | -20°C to +70°C |
| 1.5. Storage temperature range: | -35°C to +85°C |

2. Electric values

- | | |
|---|---|
| 2.1. Nominal center frequency fo: | 118.....137 MHz
T.B.D. by customer for each order |
| 2.2. Pass band | |
| 2.2.1. Bandwidth between 3 dB - frequencies: | > fo ± 12.5 kHz |
| 2.2.2. Ripple: | < 1.0 dB at fo ± 8.0 kHz |
| 2.2.3. Insertion loss: | < 4.0 dB |
| (measured on smallest attenuation in pass band) | |
| 2.3. Stop band | |
| 2.3.1. fo ± 60 kHz | > 40 dB |
| 2.3.2. fo ± 90 kHz | > 55 dB except spurious |
| 2.3.3. Alternate attenuation | > 55 dB except spurious |
| 2.4. Terminating impedance (input and output): | 50 Ω // 0 pF |
| 2.5. Maximum input power level: | -10 / +10 (working / non-damaged) |
| 2.6. Outband Intermodulation with test tones f1/f2 at fo ±100 / ±200 kHz and input power of -10 dBm | > 78 dB down from each of both -10 dBm test tones (IP3 > +29 dBm) |

3. Marking:



e.g. for center frequency of 121.5 MHz the filter part description is MQF 121.5-2500/R

- | | |
|----------------------------|-----------------------------------|
| 4. Environment conditions: | Corresponding to Telefilter CF001 |
|----------------------------|-----------------------------------|

Edited by: _____ date: _____ name: _____