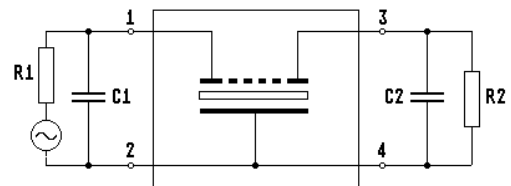
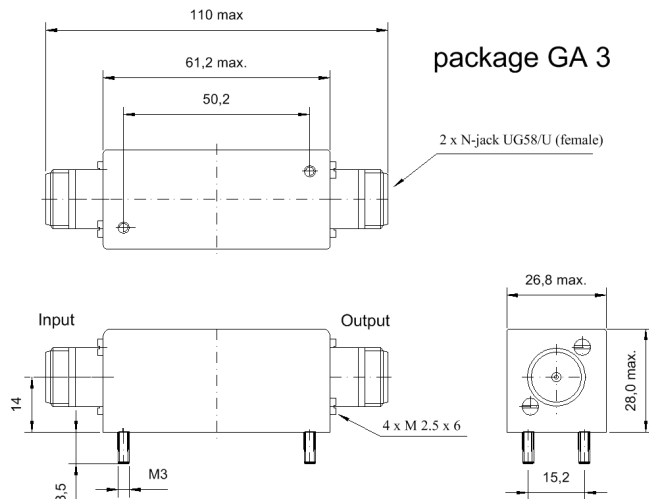


Specification for monolithic crystal filter

MQF 118137 - 1500 / HN

1. General

1.1. Package:



- | | |
|-----------------------------------|-------------------------|
| 1.2. Type name: | MQF 118.....137-1500/HN |
| 1.3. Number of poles: | 4, |
| 1.4. Operating temperature range: | -20°C to +70°C |
| 1.5. Storage temperature range: | -45°C to +85°C |

2. Electric values

- | | |
|-----------------------------------|---------------------------------|
| 2.1. Nominal center frequency fo: | 118.....137 MHz (to be defined) |
|-----------------------------------|---------------------------------|

2.2. Pass band

- | | |
|---|--------------------------|
| 2.2.1. Bandwidth between 3 dB - frequencies: | > fo ± 7.5 kHz |
| 2.2.2. Ripple: | < 1.0 dB at fo ± 5.0 kHz |
| 2.2.3. Insertion loss:
(measured on smallest attenuation in pass band) | < 5.0 dB |

2.3. Stop band

- | | |
|----------------------------|---------|
| 2.3.1. fo ± 45 kHz | > 50 dB |
| 2.3.2. fo ± 910 kHz | > 50 dB |
| 2.3.3. Spurious responses: | > 20 dB |

- | | |
|---------------------------------|------------------------------------|
| 2.4. Maximum input power level: | -5 / +10 (working / non-damaged) |
|---------------------------------|------------------------------------|

- | | |
|--|--------------|
| 2.5. Terminating impedance (input and output): | 50 Ω // 0 pF |
|--|--------------|

- | | |
|----------------------------|--|
| 3. Marking on the package: | manufacturer, date code
MQF 1xx.xxx-1500/HN |
|----------------------------|--|

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

Edited by: _____ date: _____ name: _____