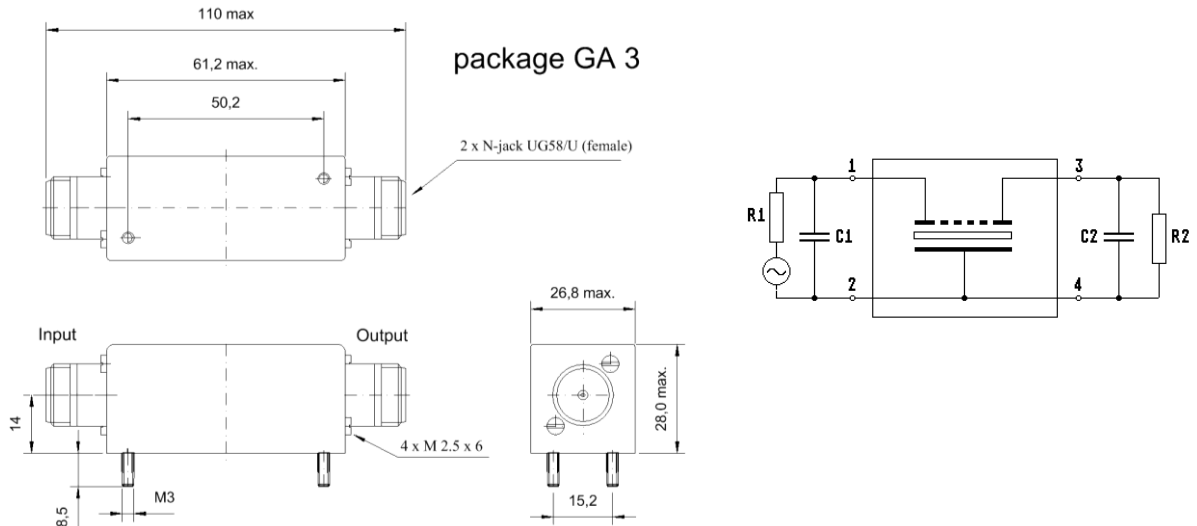


Specification for monolithic crystal filter series **MQF 118.....137-1500/GN**

1. General

1.1. Package:



1.2. Type name: MQF 1xx.xxx-1500/GN

1.3. Number of poles: 6

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 f_0 : 118.....137 MHz
T.B.D. by customer for each order

2.2. Pass band

2.2.1. Bandwidth between 3 dB - frequencies: $\geq f_0 \pm 7.5$ kHz

2.2.2. Ripple: ≤ 1.0 dB at $f_0 \pm 5.0$ kHz

2.2.3. Insertion loss: ≤ 6.5 dB

(measured on smallest attenuation in pass band)

2.3. Stop band

2.3.1. $f_0 \pm 20$ kHz ≥ 20 dB

2.3.2. $f_0 \pm 30$ kHz ≥ 50 dB

2.3.3. Alternate attenuation ≥ 60 dB except spurious

2.3.4. Spurious responses for $f > f_0 + 30$ kHz: ≥ 40 dB

2.4. Terminating impedance (input and output): $50 \Omega // 0$ pF

2.5. Maximum input power level: -5 / +20 dBm (working / non-damaged)

3. Marking: manufacturer, date code
MQF 1xx.xxx-1500/GN

e.g. for center frequency 119.325 MHz filter part description is MQF119.325-1500/GN

4. Environment conditions: Corresponding to Vectron standard CF001

Edited by: _____ date: _____ name: _____