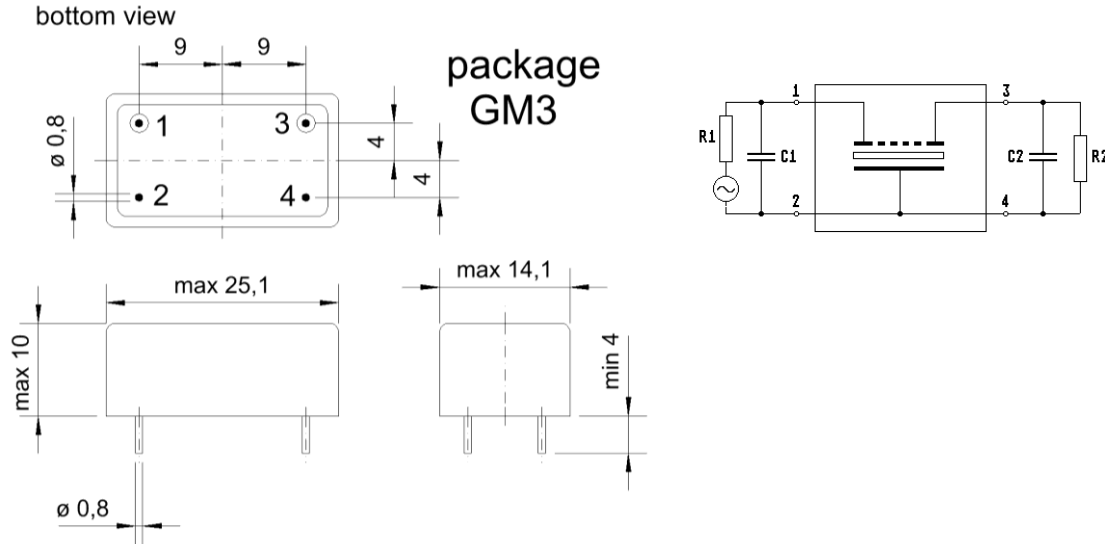


Specification for monolithic crystal filter:

MQF 21.4-2200/11

1. General

1.1. Package:



- | | |
|-----------------------------------|------------------|
| 1.2. Type name: | MQF 21.4-2200/11 |
| 1.3. Number of poles: | 8 |
| 1.4. Operating temperature range: | -40°C to +80°C |
| 1.5. Storage temperature range: | -45°C to +85°C |

2. Electric values

- | | |
|---|----------------------------------|
| 2.1. Nominal centre frequency f_0 : | 21.4 MHz |
| 2.2. Pass band | |
| 2.2.1. Bandwidth between 6 dB - frequencies: | $\geq f_0 \pm 11$ kHz |
| 2.2.2. Ripple: | ≤ 2.0 dB at $f_0 \pm 8$ kHz |
| 2.2.3. Insertion loss:
(measured on smallest attenuation in pass band) | ≤ 3.0 dB |
| 2.3. Stop band | |
| 2.3.1. $f_0 \pm 25$ kHz | ≥ 60 dB |
| 2.3.2. Alternate attenuation | ≥ 60 dB (except spurious) |
| 2.4. Terminating impedance (input and output): | $50 \Omega // 0$ pF |

3. Marking:



- | | |
|----------------------------|---|
| 4. Environment conditions: | Corresponding to Vectron standard CF001 |
|----------------------------|---|