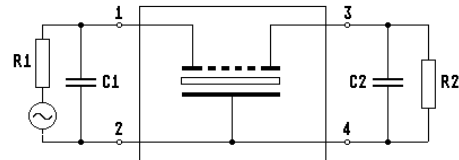
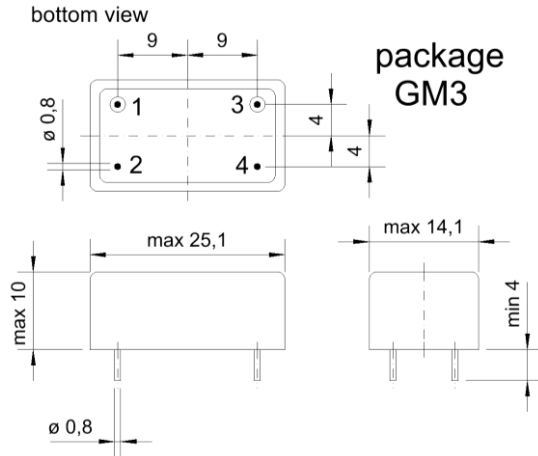


Specification for monolithic crystal filter:

MQF 45.0 - 0600 / 05

1. General

1.1. Package:



- | | |
|-----------------------------------|------------------|
| 1.2. Type name: | MQF 45.0-0600/05 |
| 1.3. Number of poles: | 10 |
| 1.4. Operating temperature range: | -40°C to +85°C |
| 1.5. Storage temperature range: | -45°C to +85°C |

2. Electric values

- | | |
|---|---|
| 2.1. Nominal centre frequency f_0 : | 45.0 MHz |
| 2.2. Pass band | |
| 2.2.1. Centre frequency f_c at +25°C: | 45.0 MHz $\pm$ 450 Hz |
| 2.2.2. Bandwidth between 3 dB - frequencies: | $> f_c \pm 3.0$ kHz |
| 2.2.3. Ripple: | < 2.0 dB at $f_c \pm 2.0$ kHz |
| 2.2.4. Insertion loss:
(measured on smallest attenuation in pass band) | < 9.0 dB |
| 2.3. Stop band | |
| 2.3.1. $f_c \pm 7.0$ kHz | > 60 dB |
| 2.3.2. Alternate Attenuation | > 80 dB (except spurious) |
| 2.4. Maximum input power level: | 0 dBm / +20 dBm (working / non-damaged) |
| 2.5. Terminating impedance R/C (input and output): | 50 Ω // 0 pF |

3. Marking:

top view



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

Edited by: _____ date: _____ name: _____