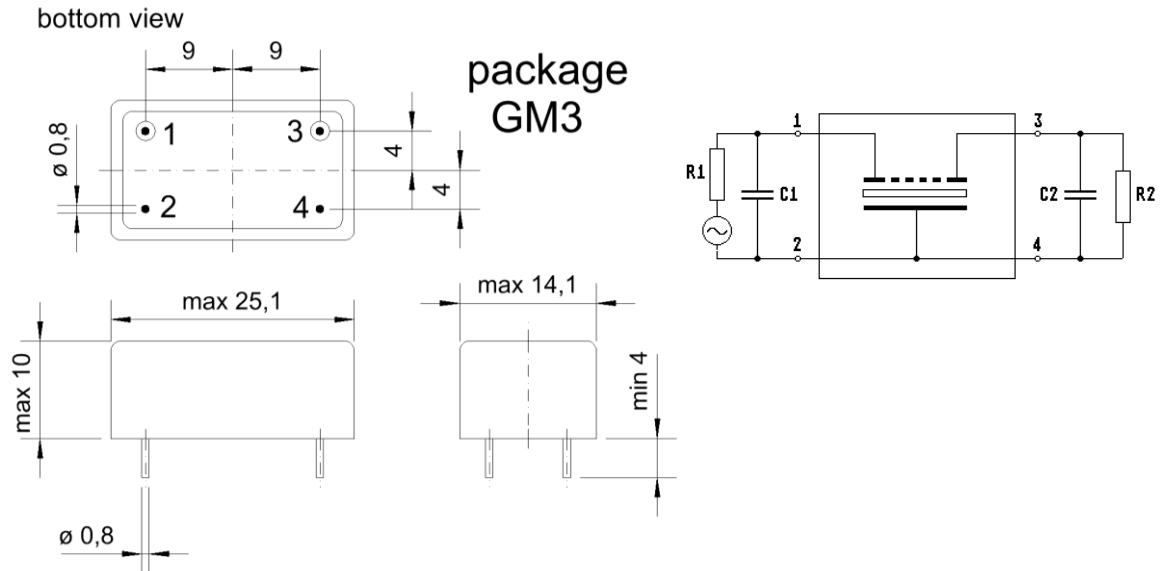


1. General

1.1. Package:



- | | |
|-----------------------------------|------------------|
| 1.2. Type name: | MQF 70.0-5000/13 |
| 1.3. Number of poles: | 6 |
| 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 fo: | 70.0 MHz |
|-----------------------------------|----------|

2.2. Pass band

- | | |
|---|---------------------------------------|
| 2.2.1. Bandwidth between 3 dB - frequencies: | $\geq f_o \pm 25$ kHz |
| 2.2.2. Ripple: | ≤ 2.0 dB at $f_o \pm 17.5$ kHz |
| 2.2.3. Differential group delay: | < 4.0 μ s at $f_o \pm 10.0$ kHz |
| 2.2.4. Insertion loss:
(measured on smallest attenuation in pass band) | ≤ 5.0 dB |

2.3. Stop band

- | | |
|------------------------------|----------------------------------|
| 2.3.1. $f_o \pm 80$ kHz | ≥ 60 dB |
| 2.3.2. $f_o \pm 100$ kHz | ≥ 70 dB |
| 2.3.3. Alternate attenuation | ≥ 80 dB (except spurious) |
| 2.3.4. Spurious responses | ≥ 50 dB |

- | | |
|--|---------------------|
| 2.4. Terminating impedance (input and output): | 50 Ω // 0 pF |
|--|---------------------|

- | | |
|-------------|---|
| 3. Marking: | manufacturer, date code
MQF 70.0-5000/13 |
|-------------|---|

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

Edited by: _____ date: _____ name: _____