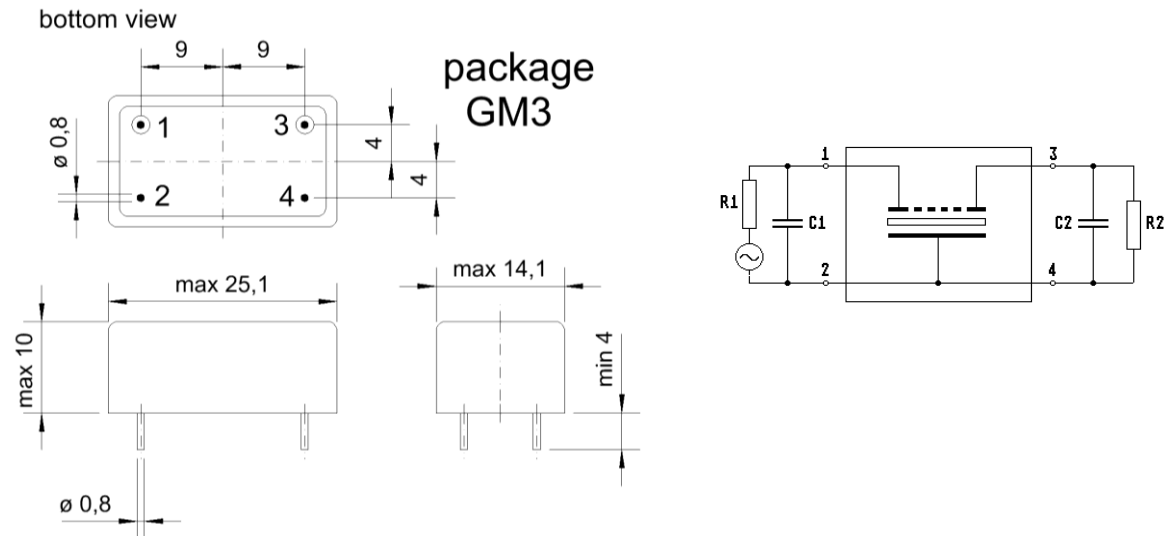


Specification for monolithic crystal filter:

MQF 45.818-0600/02

1. General

1.1. Package:



- | | |
|-----------------------------------|--------------------|
| 1.2. Type name: | MQF 45.818-0600/02 |
| 1.3. Number of poles: | 4 |
| 1.4. Operating temperature range: | -20°C to +70°C |
| 1.5. Storage temperature range: | -55°C to +85°C |

2. Electric values

- | | |
|---------------------------------------|------------|
| 2.1. Nominal centre frequency f_0 : | 45.818 MHz |
|---------------------------------------|------------|

2.2. Pass band

- | | |
|---|---------------------------------|
| 2.2.1. Bandwidth between 3 dB - frequencies: | $> f_0 \pm 3.0$ kHz |
| 2.2.2. Ripple: | < 1.0 dB at $f_0 \pm 2.0$ kHz |
| 2.2.3. Insertion loss:
(measured on smallest attenuation in pass band) | < 4.5 dB |

2.3. Stop band

- | | |
|--|-----------------------------|
| 2.3.1. $f_0 \pm 15$ kHz | > 40 dB |
| 2.3.2. Alternate Attenuation $f_0 \pm 1.0$ MHz | > 60 dB (except spurious) |

- | | |
|----------------------------------|---------|
| 2.4.1. Nomial input power level | 0 dBm |
| 2.4.2. Maximal input power level | +20 dBm |

- | | |
|--|---------------------|
| 2.5. Terminating impedance R/C (input and output): | $50 \Omega // 0$ pF |
|--|---------------------|

- | | |
|-------------|---|
| 3. Marking: | manufacturer, date code
MQF 45.818-0600/02 |
|-------------|---|

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

Edited by: _____ date: _____ name: _____