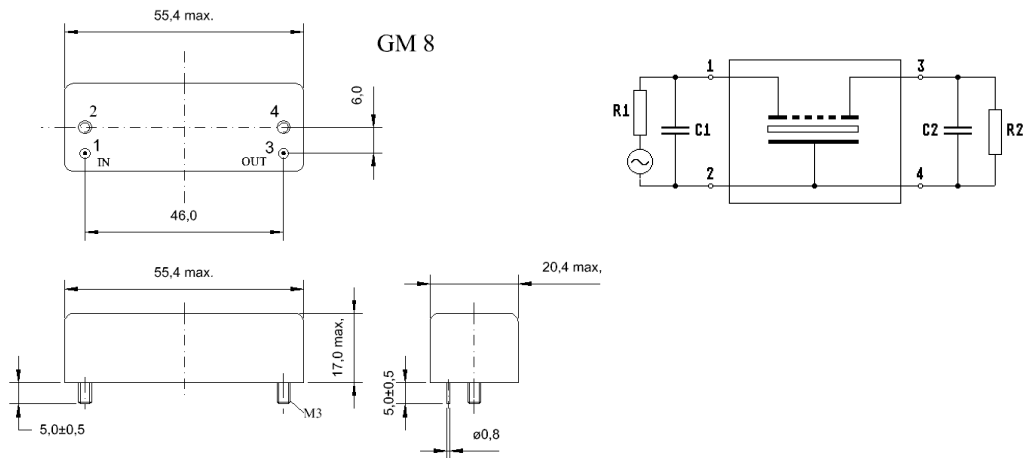


Specification for monolithic crystal filter

MQF 63.078-1200/03

1. General

1.1. Package:



- | | |
|-----------------------------------|--------------------|
| 1.2. Type name: | MQF 63.078-1200/03 |
| 1.3. Number of poles: | 6 |
| 1.4. Operating temperature range: | 0°C to +75°C |
| 1.5. Storage temperature range: | -20°C to +75°C |

2. Electric values

- | | |
|---|---|
| 2.1. Nominal centre frequency fo: | 63.078 MHz |
| 2.2. Pass band | |
| 2.2.1 Bandwidth between 1 dB - frequencies: | > ± 6.0 kHz |
| 2.2.2. Ripple: | < 1.0 dB at fo ± 6.0 kHz |
| 2.2.3. Insertion loss: | < 4.0 dB |
| (measured on smallest attenuation in pass band) | |
| 2.3. Stop band | |
| 2.3.1. fo ± 25 kHz | > 60 dB |
| 2.3.2. Alternate attenuation, fo ± 25.....500 kHz | > 60 dB |
| 2.4. Terminating impedance (input and output): | 50 Ω // 0 pF |
| 2.5. Intermodulation | |
| 2.5.1 frequency 1: | f ₀ ± 30 kHz |
| frequency 2: | f ₀ ± 60 kHz |
| input power level | - 10 dBm |
| IM: | > 70 dB |
| 2.5.2 frequency 1: | f ₀ + 1 kHz |
| frequency 2: | f ₀ - 1 kHz |
| input power level | - 9 dBm |
| IM: | > 46 dB |
| 2.5.3 frequency 1: | f ₀ + 1 kHz |
| frequency 2: | f ₀ - 1 kHz |
| input power level | -16 dBm, -26 dBm |
| IM: | > 51 dB |
| 3. Marking: | manufacturer, date code
MQF 63,078-1200/03 |
| 4. Environment conditions: | Corresponding to Vectron standard CF001 |

edited by: _____ date: _____ name: _____