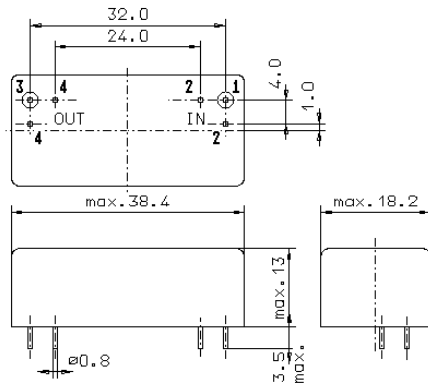


Specification for monolithic crystal filter:

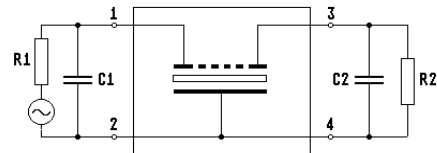
MQF 10.7-1300/08

1. General

1.1. Package:



GM17



- | | | |
|------|------------------------------|------------------|
| 1.2. | Type name: | MQF 10.7-1300/08 |
| 1.3. | Number of poles: | 6 |
| 1.4. | Operating temperature range: | -40°C to +70°C |
| 1.5. | Storage temperature range: | -45°C to +85°C |

2. Electric values

- | | | |
|------|----------------------------------|----------|
| 2.1. | Nominal centre frequency f_0 : | 10.7 MHz |
|------|----------------------------------|----------|

2.2. Pass band

- | | | |
|--------|--|---------------------------------|
| 2.2.1. | Bandwidth between 6 dB - frequencies: | $> f_0 \pm 6.5$ kHz |
| 2.2.2. | Ripple: | < 1.5 dB at $f_0 \pm 5.0$ kHz |
| 2.2.3. | Insertion loss:
(measured on smallest attenuation in pass band) | < 4.0 dB |

2.3. Stop band

- | | | |
|--------|---|-----------|
| 2.3.1. | $f_0 \pm 15.0$ kHz | > 40 dB |
| 2.3.2. | $f_0 \pm 20$ kHz | > 60 dB |
| 2.3.3. | alternate attenuation $f_0 \pm 20$ kHz... ± 300 kHz | > 60 dB |

- | | | |
|------|---|-------------------------|
| 2.4. | Terminating impedance (input and output): | $900 \Omega // 25.0$ pF |
|------|---|-------------------------|

- | | | |
|----|----------|---|
| 3. | Marking: | manufacturer, date code
10.7-1300/08
or OEM marking |
|----|----------|---|

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

Edited by: _____ date: _____ name: _____