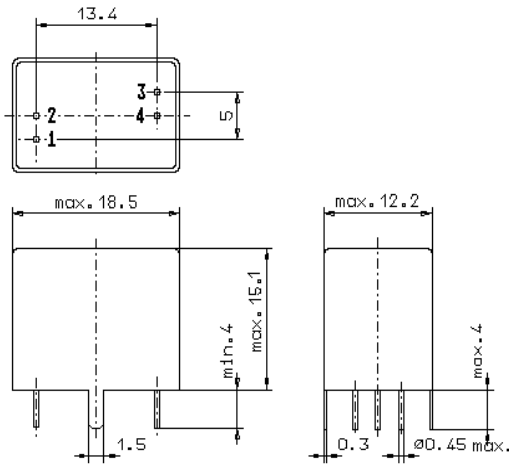


Specification for monolithic crystal filter:

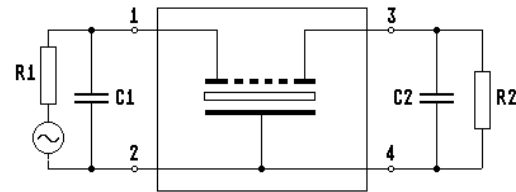
MQF 10.7-0240/04

1. General

1.1. Package:



GV5.1



- | | |
|-----------------------------------|------------------|
| 1.2. Type name: | MQF 10.7-0240/04 |
| 1.3. Number of poles: | 8 |
| 1.4. Operable temperature range: | -25°C to +80°C |
| 1.5. Operating temperature range: | -20°C to +70°C |
| 1.6. Storage temperature range: | -35°C to +85°C |

2. Electric values

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

2.2. Pass band

- | | |
|---|--|
| 2.2.1. Bandwidth between 3 dB - frequencies: | $\geq f_0 \pm 1.2 \text{ kHz}$ |
| 2.2.2. Ripple: | $\leq 2.0 \text{ dB at } f_0 \pm 900 \text{ Hz}$ |
| 2.2.3. Insertion loss:
(measured on smallest attenuation in pass band) | $\leq 5.0 \text{ dB}$ |

2.3. Stop band

- | | |
|--|----------------------|
| 2.3.1. $f_0 \pm 5 \text{ kHz}$ | $\geq 70 \text{ dB}$ |
| 2.3.2. $f_0 \pm 200 \text{ kHz} \dots \dots \dots \pm 1 \text{ MHz}$ | $\geq 80 \text{ dB}$ |

- | | |
|--|-------------------------------|
| 2.4. Terminating impedance (input and output): | $500 \Omega // 20 \text{ pF}$ |
|--|-------------------------------|

- | | |
|-------------|---|
| 3. Marking: | manufacturer, date code
MQF 10.7-0240/04 |
|-------------|---|

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

Edited by: _____ date: _____ name: _____