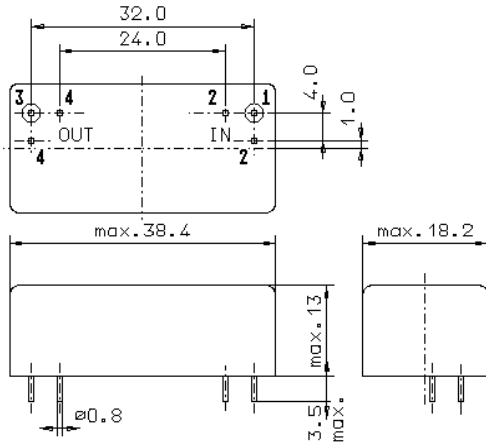


Specification for monolithic crystal filter:
Filters have to be RoHS conform

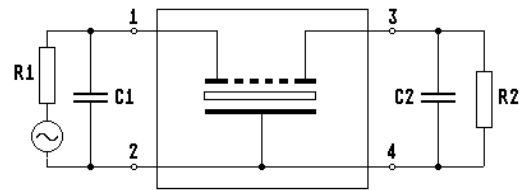
MQF 35.25-2600/05V1

1. General

1.1. Package:



GM17



- | | |
|-----------------------------------|---------------------|
| 1.2. Type name: | MQF 35.25-2600/05V1 |
| 1.3. Number of poles: | 10 |
| 1.4. Operable temperature range: | -25°C to +85°C |
| 1.5. Operating temperature range: | -20°C to +70°C |
| 1.6. Storage temperature range: | -40°C to +90°C |

2. Electric values

- | | |
|---------------------------------------|-----------|
| 2.1. Nominal centre frequency f_0 : | 35.25 MHz |
|---------------------------------------|-----------|

2.2. Pass band

- | | |
|---|------------------------------------|
| 2.2.1. Centre frequency f_c : | 35.25 MHz \pm 1.5 kHz |
| 2.2.2. Bandwidth between 6 dB - frequencies: | $\geq f_c \pm 13$ kHz |
| 2.2.3. Ripple: | ≤ 1.0 dB at $f_c \pm 8.0$ kHz |
| 2.2.4. Insertion loss:
(measured on smallest attenuation in pass band) | ≤ 5.0 dB |

2.3. Stop band

- | | |
|--|--------------|
| 2.3.1. $f_c \pm 25$ kHz..... ± 5 MHz | ≥ 80 dB |
|--|--------------|

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

- | | |
|-------------|--|
| 3. Marking: | manufacturer, date code
MQF 35.25-2600/05V1 |
|-------------|--|

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

Edited by: _____ date: _____ name: _____