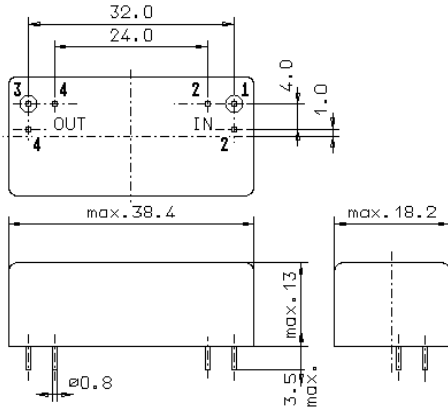


Specification for monolithic crystal filter:

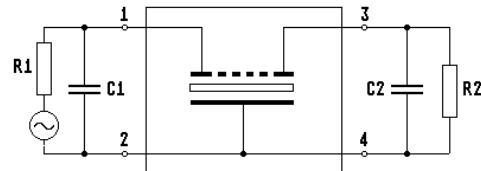
MQF 35.4-0800/05

1. General

1.1. Package:



GM17



- | | |
|-----------------------------------|------------------|
| 1.2. Type name: | MQF 35.4-0800/05 |
| 1.3. Number of poles: | 10 |
| 1.4. Operating temperature range: | -40°C to +65°C |
| 1.5. Storage temperature range: | -45°C to +85°C |

2. Electric values

- | | |
|---------------------------------------|----------|
| 2.1. Nominal centre frequency f_0 : | 35.4 MHz |
|---------------------------------------|----------|

2.2. Pass band

- | | |
|---|------------------------------------|
| 2.2.1. Centre frequency f_c : | 35.4 MHz \pm 0.5 kHz |
| 2.2.2. Bandwidth between 3 dB - frequencies: | $\geq f_c \pm 4$ kHz |
| 2.2.3. Ripple: | ≤ 1.0 dB at $f_c \pm 2.0$ kHz |
| 2.2.4. Insertion loss:
(measured on smallest attenuation in pass band) | ≤ 7.5 dB |

2.3. Stop band

- | | |
|---|--------------------------------|
| 2.3.1. $f_c \pm 8$ kHz | ≥ 50 dB |
| 2.3.2. $f_c \pm 20$ kHz | ≥ 80 dB |
| 2.3.3. alternate attenuation | ≥ 80 dB (except spurious) |
| 2.4. Phase linearity within $f_c \pm 3$ kHz | $< 10^\circ$ |

- | | |
|--|---------------------|
| 2.5. Terminating impedance (input and output): | 50 Ω // 0 pF |
|--|---------------------|

- | | |
|-------------|--|
| 3. Marking: | manufacturer, date code
MQF 35.4-0800/05
OEM marking on demand |
|-------------|--|

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

Edited by: _____ date: _____ name: _____