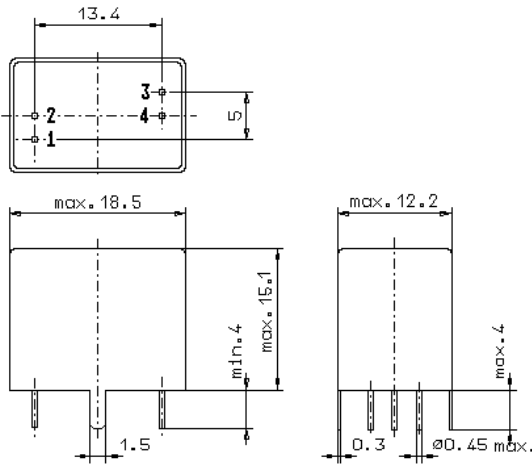


Specification for monolithic crystal filter:

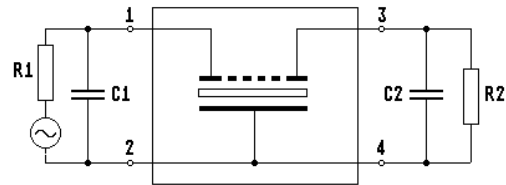
MQF 10.7-1500/54

1. General

1.1. Package:



GV5.1



- | | |
|-----------------------------------|------------------|
| 1.2. Type name: | MQF 10.7-1500/54 |
| 1.3. Number of poles: | 4 |
| 1.4. Operating temperature range: | -30°C to +70°C |
| 1.5. Storage temperature range: | -45°C to +85°C |

2. Electric values

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

2.2. Pass band

- | | |
|--|--------------------------|
| 2.2.1. Centre frequency fo: | 10.7 MHz |
| 2.2.2. Bandwidth between 3 dB - frequencies: | > fo ± 7.5 kHz |
| 2.2.3. Ripple: | < 1.5 dB at fo ± 6.0 kHz |
| 2.2.4. Insertion loss: | < 3.0 dB |
- (measured on smallest attenuation in pass band)

2.3. Stop band

- | | |
|------------------------------|---------------------------|
| 2.3.1. fo ± 35 kHz | > 50 dB |
| 2.3.2. fo ± 55 kHz | > 60 dB |
| 2.3.3. Alternate attenuation | > 80 dB (except spurious) |

- | | |
|--|-------------------------------------|
| 2.4. Terminating impedance (input and output): | 50 Ω // 0 pF |
| 2.5. Maximum input power level: | +15 / +25 (working / non-damaged) |

- | | |
|-------------|-------------------------|
| 3. Marking: | VI yyww
10.7-1500/54 |
|-------------|-------------------------|

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

Edited by: _____ date: _____ name: _____