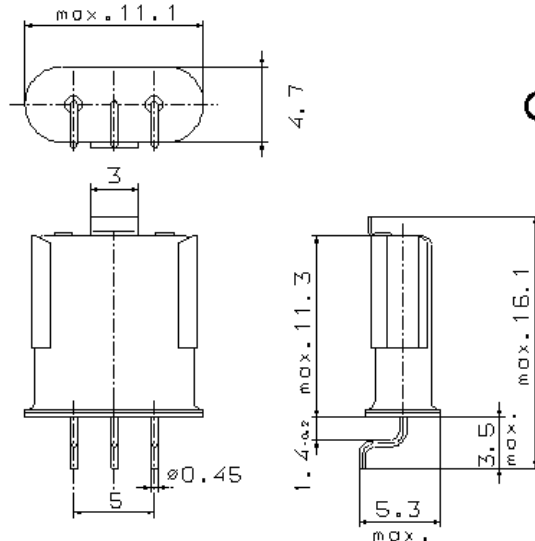


Specification for monolithic crystal filter:

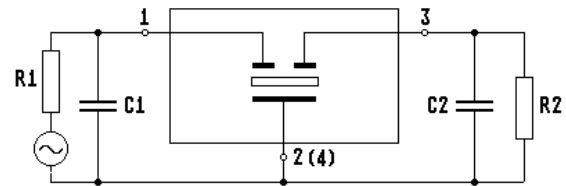
MQF 10.7 - 1500 / 52

1. General

1.1. Package:



GH3SC



- | | |
|-----------------------------------|------------------|
| 1.2. Type name: | MQF 10.7-1500/52 |
| 1.3. Number of poles: | 2 |
| 1.4. Operating temperature range: | -20°C to +70°C |
| 1.5. Storage temperature range: | -35°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 3 dB - frequencies: | $> f_0 \pm 7.5$ kHz |
| 2.2.2. Ripple in pass band: | < 0.5 dB (peak to peak) |
| 2.2.3. Insertion loss: | < 2.0 dB |
| (measured on smallest attenuation in pass band) | |

2.3. Stop band

- | | |
|--|-------------------------------|
| 2.3.1. $f_0 \pm 25$ kHz | > 18 dB |
| 2.3.2. Alternate attenuation $f_0 \pm 1$ MHz | > 40 dB (except spurious) |
| 2.3.3. Spurious responses within $f_0 \pm 1$ MHz | > 18 dB |

- | | |
|--|-------------------------|
| 2.4. Terminating impedance (input and output): | $3000 \Omega // 2.5$ pF |
|--|-------------------------|

- | | |
|-------------|---|
| 3. Marking: | manufacturer, date code
10.7-1500/52 |
|-------------|---|

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

Edited by: _____ date: _____ name: _____