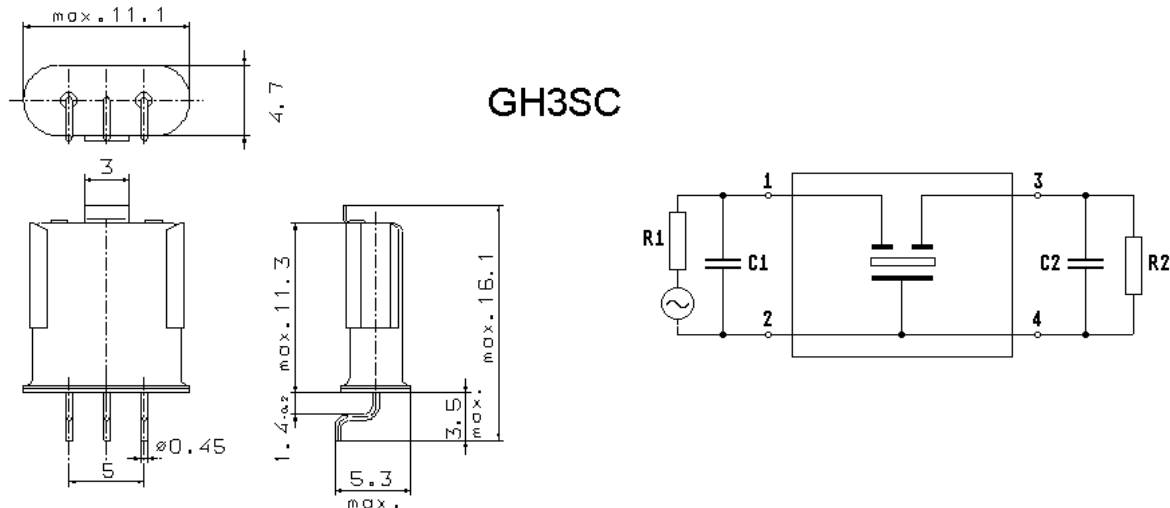


Specification for monolithic crystal filter:

MQF 10.0-0760/06

1. General

1.1. Package:



- | | |
|-----------------------------------|------------------|
| 1.2. Type name: | MQF 10.0-0760/06 |
| 1.3. Number of poles: | 2 |
| 1.4. Operating temperature range: | -40°C to +85°C |
| 1.5. Storage temperature range: | -40°C to +85°C |

2. Electric values

- | | |
|-----------------------------------|----------|
| 2.1. Nominal centre frequency fo: | 10.0 MHz |
|-----------------------------------|----------|

2.2. Pass band

- | | |
|---|--------------------------|
| 2.2.1. Bandwidth between 3 dB - frequencies: | > fo ± 3.8 kHz |
| 2.2.2. Ripple: | < 1.0 dB at fo ± 2.0 kHz |
| 2.2.3. Insertion loss: | < 1.0 dB |
| (measured on smallest attenuation in pass band) | |

2.3. Stop band

- | | |
|--------------------------------|---------|
| 2.3.1. fo ± 40 kHz | > 30 dB |
| 2.3.2. fo ± 60 kHz.....600 kHz | > 40 dB |
| 2.3.3. Spurious responses: | > 14 dB |

- | | |
|--|------------------|
| 2.4. Terminating impedance (input and output): | 3900 Ω // 2.0 pF |
|--|------------------|

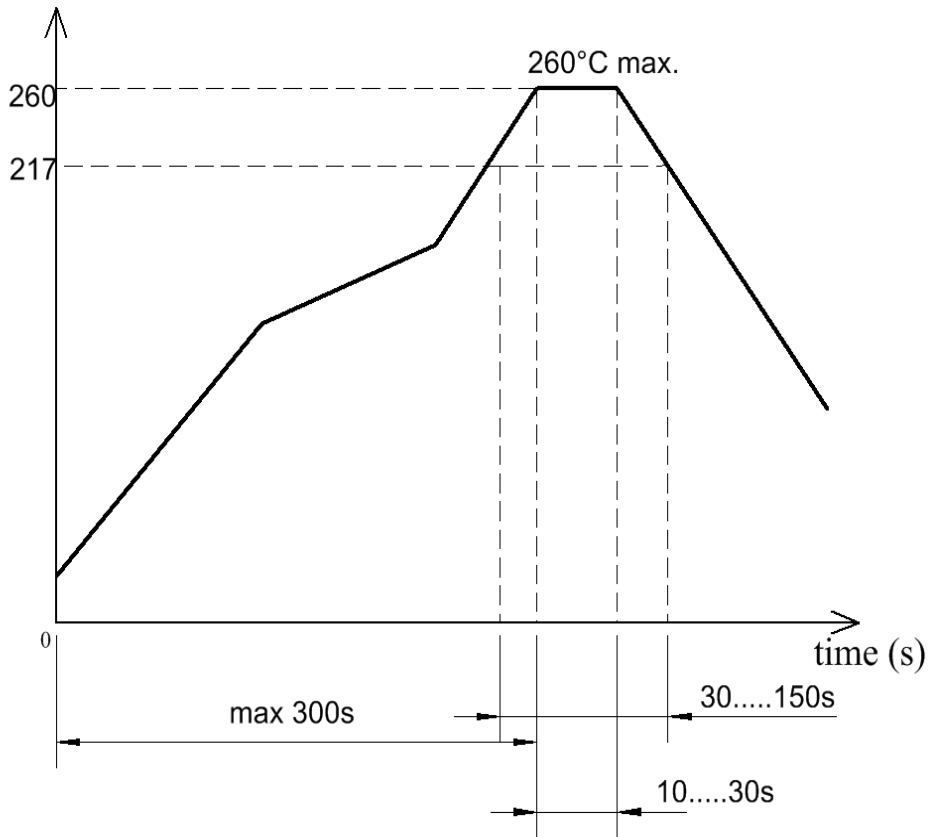
- | | |
|-------------|---|
| 3. Marking: | manufacturer, date code
10.0-
0760/06 |
|-------------|---|

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

5. Soldering:

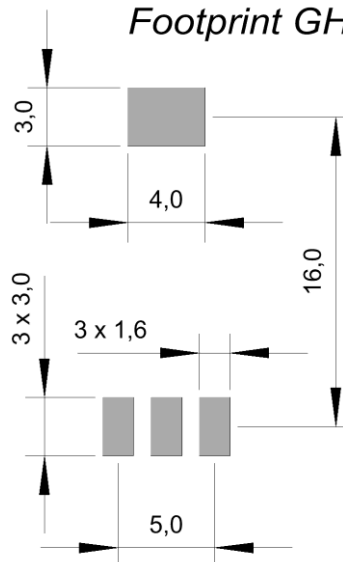
temperature (°C)

Reflow soldering: three times max.



6. Recommended footprint:

Footprint GH3SC



7. Packing: bulk (maximum 400 pcs. / box)
if requested tape & reel, with maximum 400 pcs. / reel

Edited by: _____ date: _____ name: _____