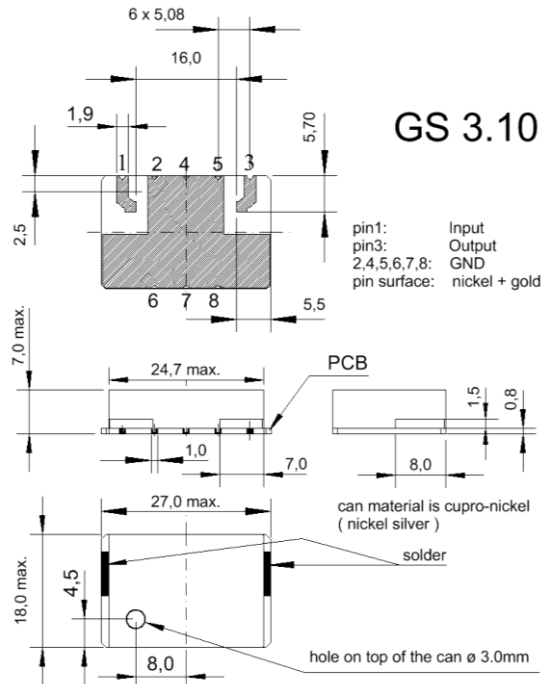


Specification for monolithic crystal filter:

MQF 45.0 - 1200 / 18

1. General

1.1. Package:



- | | |
|-----------------------------------|------------------|
| 1.2. Type name: | MQF 45.0-1200/18 |
| 1.3. Number of poles: | 6 |
| 1.4. Operating temperature range: | -25°C to +70°C |
| 1.5. Storage temperature range: | -45°C to +85°C |

2. Electric values

- | | |
|---|---------------------------------|
| 2.1. Nominal centre frequency f_0 : | 45.0 MHz |
| 2.2. Pass band | |
| 2.2.1. Bandwidth between 3 dB - frequencies: | $> f_0 \pm 6.0$ kHz |
| 2.2.2. Ripple: | < 2.0 dB at $f_0 \pm 4.0$ kHz |
| 2.2.3. Insertion loss:
(measured on smallest attenuation in pass band) | < 5.5 dB |
| 2.3. Stop band | |
| 2.3.1. $f_0 \pm 15.0$ kHz: | > 40 dB |
| 2.3.2. $f_0 \pm 22.0$ kHz: | > 60 dB |
| 2.3.3. Alternate attenuation $f_0 \pm 910$ kHz: | > 70 dB (except spurious) |
| 2.4. Maximum input level (working / non-damaged): | 0 / +20 dBm |
| 2.5. Terminating impedance R/C (input and output): | 50 Ω // 0 pF |

- | | |
|---|---|
| 3. Marking: | manufacturer, date code
MQF 45.0-1200/18 |
| 4. Environment conditions: | Corresponding to Vectron standard CF001 |
| 5. Filters are Pb-free and 2002 /95 / EC RoHS compliant | |

Edited by: _____ date: _____ name: _____