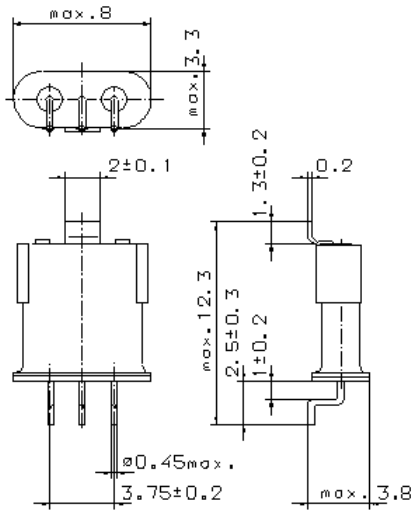


Specification for monolithic crystal filter:

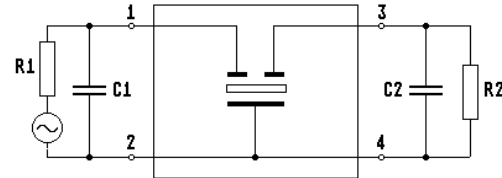
MQF 21.4-1500/73

1. General

1.1. Package:



GH9S1



- | | |
|-----------------------------------|------------------|
| 1.2. Type name: | MQF 21.4-1500/73 |
| 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 fo: | 21.4 MHz |
| 2.2. Pass band | |
| 2.2.1. Bandwidth between 3 dB - frequencies: | $\geq f_o \pm 7.5$ kHz |
| 2.2.2. Ripple: | ≤ 0.5 dB at $f_o \pm 4.0$ kHz |
| 2.2.3. Insertion loss:
(measured on smallest attenuation in pass band) | ≤ 1.5 dB |
| 2.3. Stop band | |
| 2.3.1. $f_o \pm 25$ kHz | ≥ 18 dB |
| 2.3.2. $f_o \pm 40$ kHz | ≥ 25 dB |
| 2.3.3. $f_o \pm 150$ kHz..... ± 500 kHz | ≥ 40 dB (except spurious) |
| 2.4. Terminating impedance R//C (input and output): | 1500 Ω // 2.5 pF |
| 3. Marking: | manufacturer, date code
21.4-1500/73 |
| 4. Environment conditions: | Corresponding to Vectron standard CF001 |
| 5. Reflow soldering for Pb-free assembly: | > 100°C for maximum 600 seconds
> 200°C for maximum 180 seconds
> 260°C for maximum 30 seconds (peak temperature) cool - down time: 2 hours |
| 6. packing: | tape & reel with maximum 1000 pcs. / reel |

Edited by: _____ date: _____ name: _____