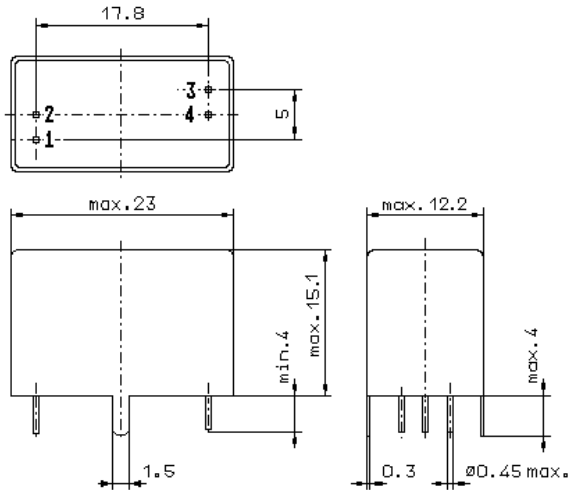


Specification for monolithic crystal filter:

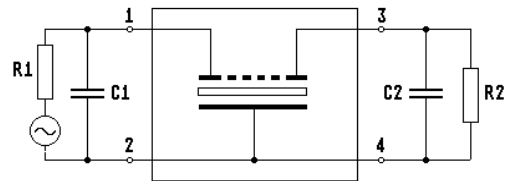
MQF 21.4-2200/08

1. General

1.1. Package:



GV6.2



- | | |
|-----------------------------------|------------------|
| 1.2. Type name: | MQF 21.4-2200/08 |
| 1.3. Number of poles: | 8 |
| 1.4. Operable temperature range: | -25°C to +80°C |
| 1.5. Operating temperature range: | -20°C to +70°C |
| 1.6. 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: | $\geq f_o \pm 11.0$ kHz |
| 2.2.2. Ripple (at $f_o \pm 8.8$ kHz) | ≤ 2.0 dB |
| 2.2.3. Insertion loss:
(measured on smallest attenuation in pass band) | ≤ 3.5 dB |

2.3. Stop band

- | | |
|--|--------------|
| 2.3.1. $f_o \pm 25$ kHz | ≥ 70 dB |
| 2.3.2. $f_o \pm 35$ kHz..... ± 5 MHz | ≥ 90 dB |

- | | |
|--|-----------------------|
| 2.4. Terminating impedance (input and output): | 910 Ω // 25 pF |
|--|-----------------------|

- | | |
|-------------|--|
| 3. Marking: | manufacturer, date code
21.4-2200/08
XFM 214S155 |
|-------------|--|

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

Edited by: _____ date: _____ name: _____