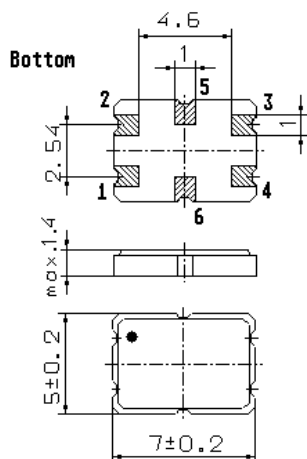


Specification for monolithic crystal filter:

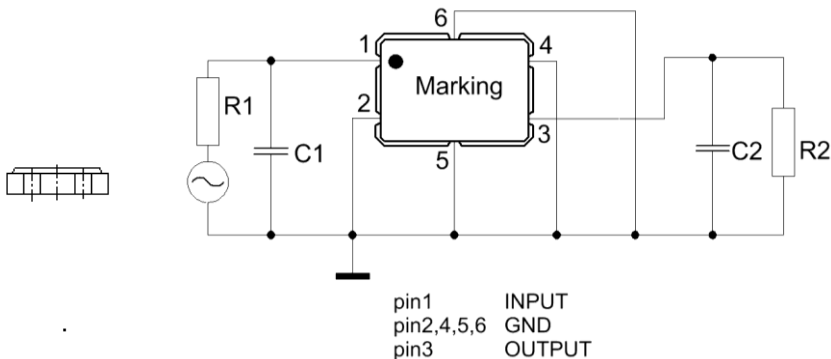
MQF 73.35 – 1600 / 01

1. General

1.1. Package:



GS 2



- | | |
|-----------------------------------|-------------------|
| 1.2. Type name: | MQF 73.35-1600/01 |
| 1.3. Number of poles: | 2 |
| 1.4. Operating temperature range: | -40°C to +85°C |
| 1.5. Storage temperature range: | -45°C to +85°C |

2. Electric values

- | | |
|---------------------------------------|-----------|
| 2.1. Nominal centre frequency f_0 : | 73.35 MHz |
|---------------------------------------|-----------|

2.2. Pass band

- | | |
|---|---------------------------------|
| 2.2.1. Bandwidth between 3 dB - frequencies: | $> \pm 8.0$ kHz |
| 2.2.2. Ripple: | < 1.0 dB at $f_0 \pm 5.0$ kHz |
| 2.2.3. Insertion loss: | < 5.0 dB |
| (measured on smallest attenuation in pass band) | |

2.3. Stop band

- | | |
|------------------------------|-----------------------------|
| 2.3.1. $f_0 \pm 30$ kHz | > 15 dB |
| 2.3.2. Alternate attenuation | > 45 dB (except spurious) |

- | | |
|--|--------------------------|
| 2.4. Terminating impedance (input and output): | $2500 \Omega // -0.8$ pF |
|--|--------------------------|

- | | |
|---|---------|
| 2.5. Input power level for reference measurement: | -10 dBm |
|---|---------|

- | | |
|---|-------|
| 2.5.1. Maximum input power level without destruction: | 0 dBm |
|---|-------|

- | | |
|-------------|-----------------|
| 3. Marking: | M7335A1
yyww |
|-------------|-----------------|

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

Edited by: _____ date: _____ name: _____