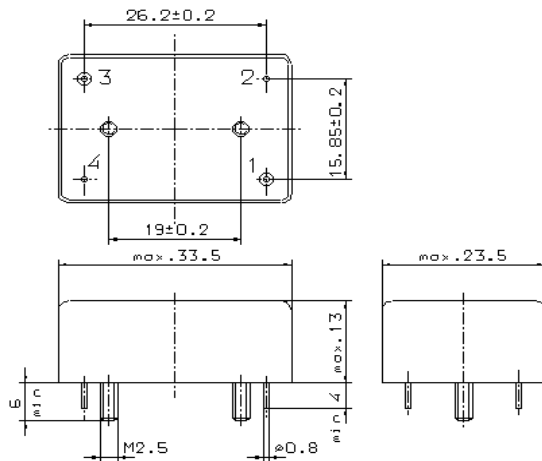


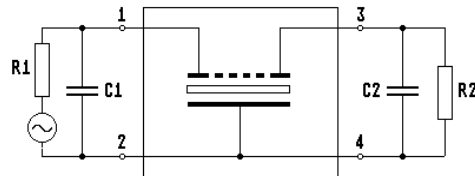
Specification for monolithic crystal filter MQF 60.0.....130.0 - 1 5 0 0 / C

1. General

1.1. Package:



GM 33



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|-----------------------------------|-----------------------|
| 1.2. Type name: | MQF 60.....130-1500/C |
| 1.3. Number of poles: | 4, 3 rd overtone |
| 1.4. Operating temperature range: | -20°C to +70°C |
| 1.5. Storage temperature range: | -35°C to +80°C |

2. Electric values

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|---------------------------------------|---------------------------------|
| 2.1. Nominal center frequency f_0 : | 60.....130 MHz to be determined |
|---------------------------------------|---------------------------------|

2.2. Pass band

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|---|------------------------------------|
| 2.2.1. Bandwidth between 3 dB - frequencies: | $\geq f_0 \pm 7.5$ kHz |
| 2.2.2. Ripple: | ≤ 1.0 dB at $f_0 \pm 5.0$ kHz |
| 2.2.3. Insertion loss:
(measured on smallest attenuation in pass band) | ≤ 4.0 dB |

2.3. Stop band

- | | |
|--------------------------|----------------------------------|
| 2.3.1. $f_0 \pm 30$ kHz | ≥ 20 dB |
| 2.3.2. $f_0 \pm 60$ kHz | ≥ 60 dB (except spurious) |
| 2.3.3. $f_0 \pm 910$ kHz | ≥ 80 dB (except spurious) |

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| 2.4. Terminating impedance (input and output): | $50 \Omega // 0$ pF |
|--|---------------------|

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|-------------|--|
| 3. Marking: | manufacturer, date code
MQF XX.XXX-1500/C |
|-------------|--|

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

Edited by: _____ date: _____ name: _____