

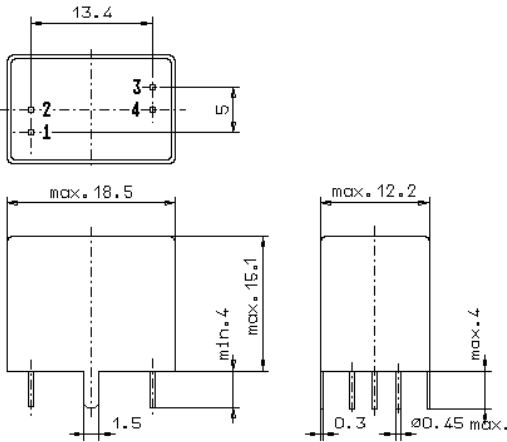
Specification for monolithic crystal filter:

MQF 10.7-3000/46

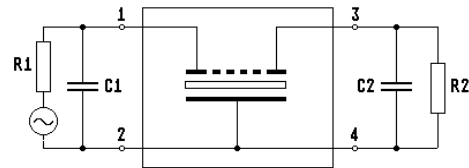
1. General

1.1. Package

(bottom view):



GV5.1



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|-----------------------------------|------------------|
| 1.2. Type name: | MQF 10.7-3000/46 |
| 1.3. Number of poles: | 4 |
| 1.4. Operating temperature range: | -30°C to +70°C |
| 1.5. Storage temperature range: | -45°C to +85°C |

2. Electric values

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|---------------------------------------|----------|
| 2.1. Nominal centre frequency f_0 : | 10.7 MHz |
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2.2. Pass band

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|---|----------------------------------|
| 2.2.1. Bandwidth between 3 dB - frequencies: | $> f_0 \pm 15$ kHz |
| 2.2.2. Ripple: | < 1.5 dB at $f_0 \pm 12.0$ kHz |
| 2.2.3. Insertion loss: | < 3.0 dB |
| (measured on smallest attenuation in pass band) | |

2.3. Stop band

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|------------------------------|-----------------------------|
| 2.3.1. $f_0 \pm 65$ kHz | > 50 dB |
| 2.3.2. $f_0 \pm 85$ kHz | > 60 dB (except spurious) |
| 2.3.3. Alternate attenuation | > 80 dB (except spurious) |

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| 2.4. Terminating impedance (input and output): | $50 \Omega // 0$ pF |
| 2.5. Maximum input power level: | +15 / +25 (working / non-damaged) |

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|-------------|-------------------------|
| 3. Marking: | VI yyww
10.7-3000/46 |
|-------------|-------------------------|

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| 4. Environment conditions: | Corresponding to Vectron standard CF001 |
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Edited by: _____ date: _____ name: _____