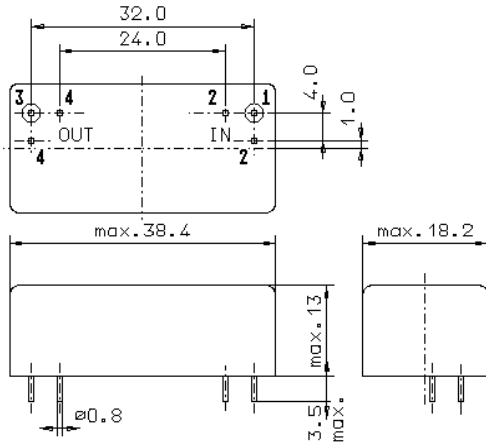


Specification for monolithic crystal filter:  
Filters have to be RoHS conform

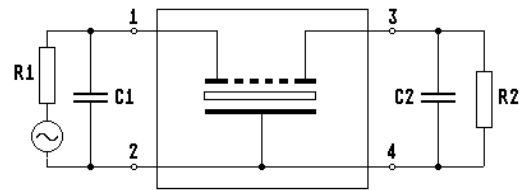
**MQF 35.25-2600/05V1**

**1. General**

1.1. Package:



GM17



- |                                   |                     |
|-----------------------------------|---------------------|
| 1.2. Type name:                   | MQF 35.25-2600/05V1 |
| 1.3. Number of poles:             | 10                  |
| 1.4. Operable temperature range:  | -25°C to +85°C      |
| 1.5. Operating temperature range: | -20°C to +70°C      |
| 1.6. Storage temperature range:   | -40°C to +90°C      |

**2. Electric values**

- |                                       |           |
|---------------------------------------|-----------|
| 2.1. Nominal centre frequency $f_0$ : | 35.25 MHz |
|---------------------------------------|-----------|

**2.2. Pass band**

- |   |                                    |
|---|------------------------------------|
| 2.2.1. Centre frequency $f_c$ :   | 35.25 MHz $\pm$ 1.5 kHz            |
| 2.2.2. Bandwidth between 6 dB - frequencies:                                | $\geq f_c \pm 13$ kHz              |
| 2.2.3. Ripple:  | $\leq 1.0$ dB at $f_c \pm 8.0$ kHz |
| 2.2.4. Insertion loss:<br>( measured on smallest attenuation in pass band ) | $\leq 5.0$ dB                      |

**2.3. Stop band**

- |  |                     |
|--|---------------------|
| 2.3.1. $f_c \pm 25$ kHz..... $\pm 5$ MHz         | $\geq 80$ dB        |
| 2.4. Terminating impedance ( input and output ): | 50 $\Omega$ // 0 pF |

- |             |  |
|-------------|--|
| 3. Marking: | manufacturer, date code<br>MQF 35.25-2600/05V1 |
|-------------|--|

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

Edited by: \_\_\_\_\_ date: \_\_\_\_\_ name: \_\_\_\_\_