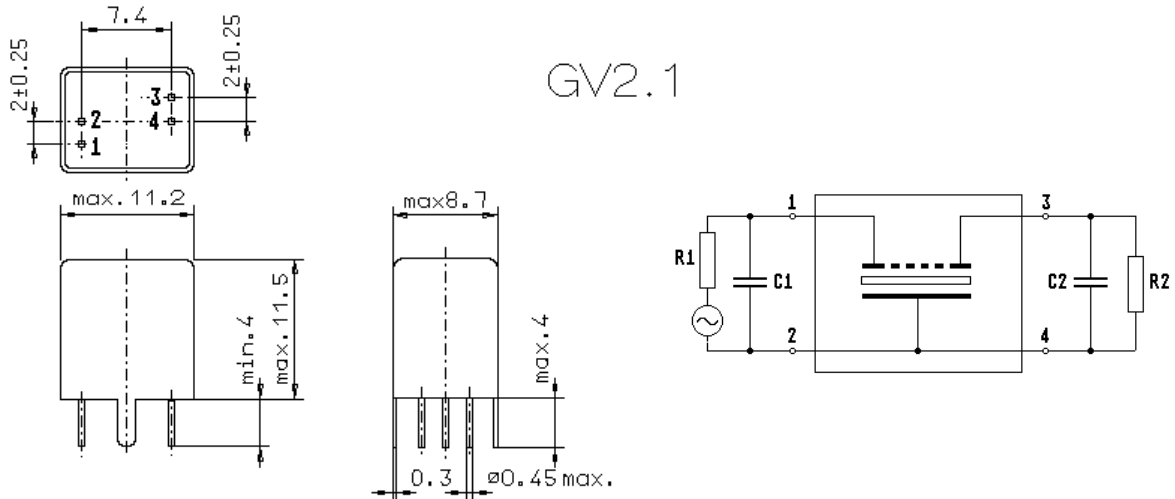


Specification for monolithic crystal filter:

**MQF 21.4-0750/04**

## 1. General

### 1.1. Package:



1.2. Type name:	MQF 21.4-0750/04
1.3. Number of poles:	8
1.4. Operable temperature range:	-30°C to +80°C
1.5. Operating temperature range:	-25°C to +70°C
1.6. Storage temperature range:	-55°C to +80°C

## 2. Electric values

2.1. Nominal centre frequency  $f_0$ : 21.4 MHz

### 2.2. Pass band

2.2.1. Bandwidth between 3 dB - frequencies:	$\geq f_0 \pm 3.75$ kHz
2.2.2. Ripple:	$\leq 2.0$ dB at $f_0 \pm 3.0$ kHz
2.2.3. Insertion loss: ( measured on smallest attenuation in pass band )	$\leq 4.0$ dB

### 2.3. Stop band

2.3.1. $f_0 \pm 9.0$ kHz	$\geq 65$ dB
2.3.2. $f_0 \pm 12.5$ kHz	$\geq 90$ dB

2.4. Terminating impedance ( input and output ):  $1600\Omega // 1.0$  pF

3. Marking: manufacturer, date code  
MQF 21.4-0750/04

4. Environment conditions: Corresponding to Vectron CF001

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