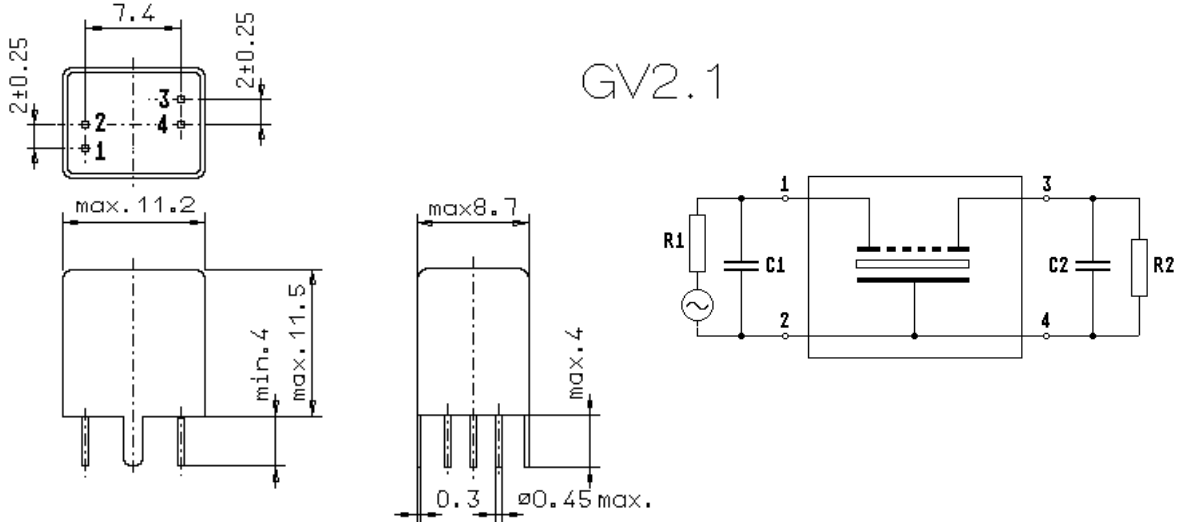


Specification for monolithic crystal filter:

MQF 45.0-1500/11

1. General

1.1. Package:



1.2. Type name:	MQF 45.0-1500/11
1.3. Number of poles:	6
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 : 45.0 MHz

2.2. Pass band

2.2.1. Bandwidth between 3 dB - frequencies:	$\geq f_0 \pm 7.5$ kHz
2.2.2. Ripple:	≤ 2.0 dB at $f_0 \pm 6$ kHz
2.2.3. Differential group delay:	< 30 μ s at $f_0 \pm 5$ kHz
2.2.4. Insertion loss: (measured on smallest attenuation in pass band)	≤ 5.0 dB

2.3. Stop band

2.3.1. $f_0 \pm 25$ kHz	≥ 60 dB
2.3.2. $f_0 \pm 910$ kHz	≥ 80 dB

2.4. Terminating impedance (input and output):	650 Ω // 1.5 pF
2.5. Maximum input power:	10 mW

3. Marking: manufacturer, date code
45.0-1500/11

4. Environment conditions: Corresponding to Vectron standard CF001

Edited by: _____ date: _____ name: _____