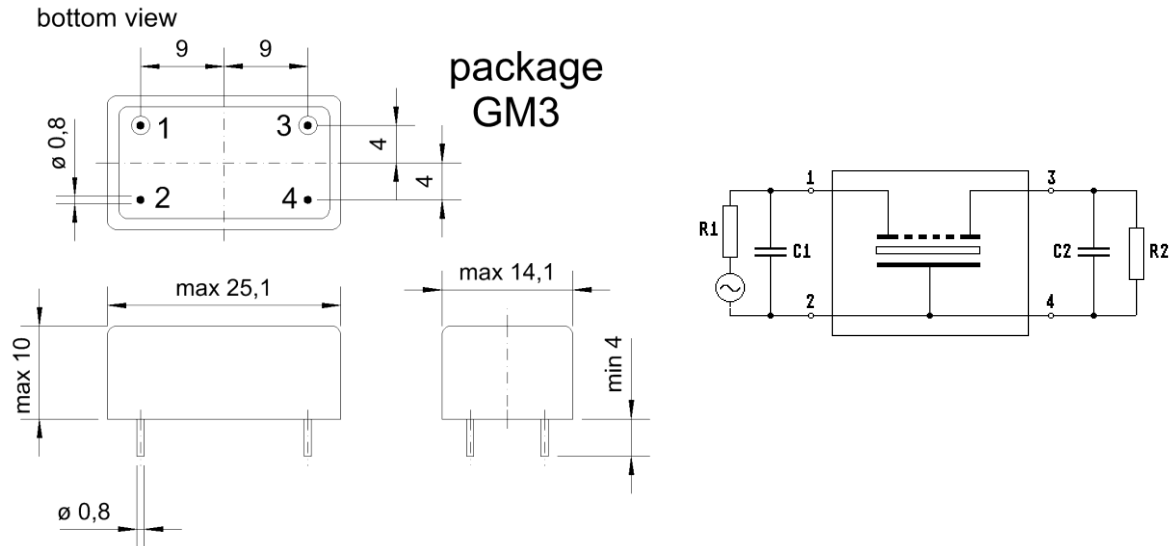


Specification for monolithic crystal filter:

MQF 21.4-3000/08

1. General

1.1. Package:



1.2. Type name:	MQF 21.4-3000/08
1.3. Number of poles:	8
1.4. Operable temperature range:	-40°C to +85°C
1.5. Operating temperature range:	-35°C to +80°C
1.6. Storage temperature range:	-55°C to +105°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:	$\geq f_0 \pm 15$ kHz
2.2.2. Ripple (at -10°C.....+80°C):	≤ 1.0 dB at $f_0 \pm 10$ kHz
2.2.3. Insertion loss: (measured on smallest attenuation in pass band)	≤ 4.0 dB

2.3. Stop band

2.3.1. $f_0 \pm 35$ kHz	≥ 65 dB
2.3.2. $f_0 \pm 50$ kHz	≥ 80 dB

2.4. Terminating impedance (input and output):	470 Ω // 15 pF
--	-----------------------

3. Marking:	manufacturer, date code MQF 21.4-3000/08
-------------	---

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

Edited by: _____ date: _____ name: _____