

Monolithic crystal filter

MQF21.4-1300/04



Application

- 8 pol filter
- i.f.- filter
- use in mobile and stationary transceivers

Limiting values

		Unit	Value
Center frequency	f_0	MHz	21.4
Insertion loss		dB	≤ 3.0
Pass band at 3.0 dB		kHz	± 6.5
Ripple in pass band	$f_0 \pm 5.2 \text{ kHz}$	dB	≤ 2.0
Stop band attenuation	$f_0 \pm 15.4 \text{ kHz}$	dB	≥ 60
	$f_0 \pm 20.4 \text{ kHz}$	dB	> 80
Alternate attenuation	$f_0 \pm 25 \text{ kHz} \dots 5 \text{ MHz}$	dB	> 90

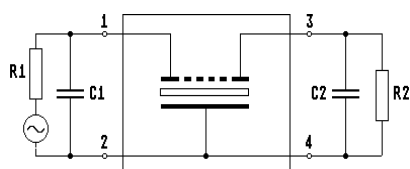
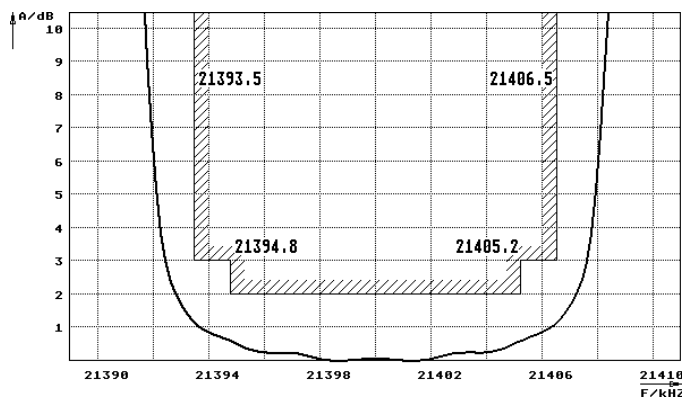
Terminating impedance Z

R1 C1	Ohm/pF	1500 0
R2 C2	Ohm/pF	1500 0

Operating temp. range	° C	-20... +70
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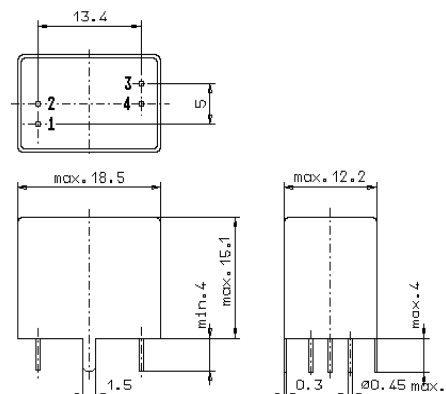
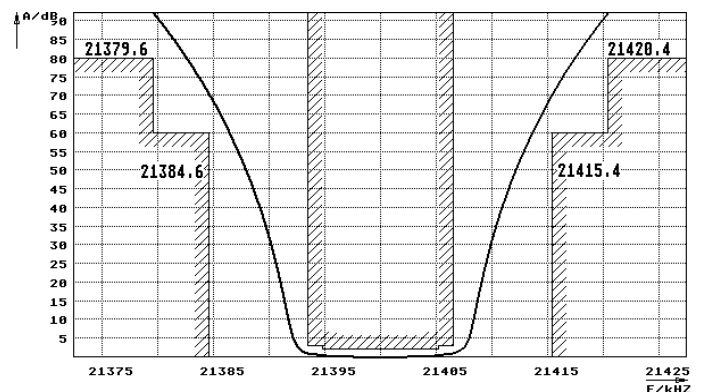
Characteristics MQF21.4-1300/04

Pass band



Pin connections: 1 Input
2 Input-E
3 Output
4 Output-E

Stop band



GV5.1