

Monolithic crystal filter

MQF21.4-0700/06



Application

- 10 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	≤ 6.0
Pass band at 6.0 dB		kHz	± 3.45
Ripple in pass band	$f_0 \pm 2.0$ kHz	dB	≤ 2.0
Stop band attenuation	$f_0 \pm 6.68$ kHz	dB	≥ 60
Alternate attenuation	$f_0 \pm 10 \dots 5000$ kHz	dB	> 80

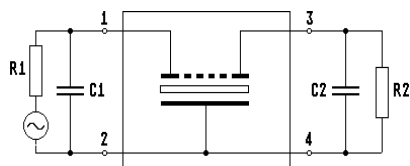
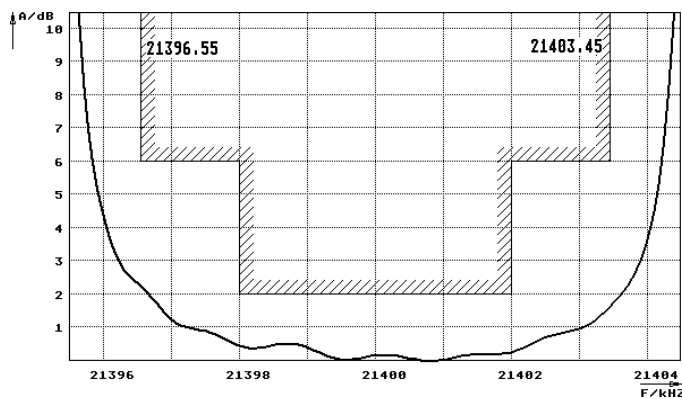
Terminating impedance Z

R1 C1	Ohm/pF	50 0
R2 C2	Ohm/pF	50 0

Operating temp. range	° C	-40... +90
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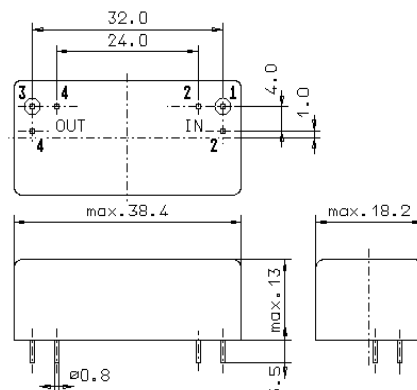
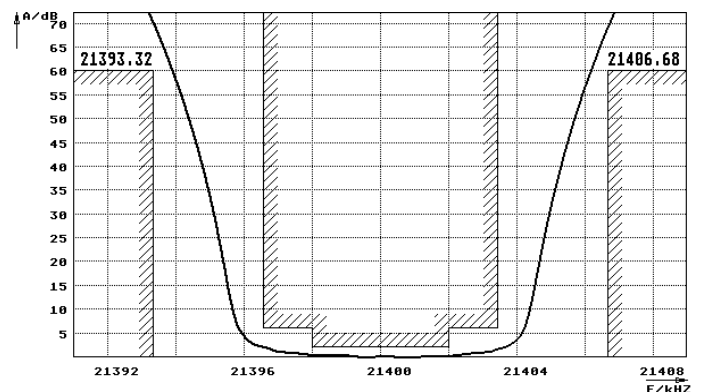
Characteristics MQF21.4-0700/06

Pass band



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

Stop band



GM17