

Monolithic crystal filter

MQF21.4-1800/08



Application

- 6 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	≤ 4.0
Pass band at 3.0 dB		kHz	± 9.00
Ripple in pass band	$f_0 \pm 9.00$ kHz	dB	\leq Gaussian
Stop band attenuation	$f_0 \pm 40$ kHz	dB	≥ 60
	$f_0 \pm 50$ kHz	dB	> 70
Alternate attenuation		dB	> 70
Group delay (absolute)		μ s	< 60

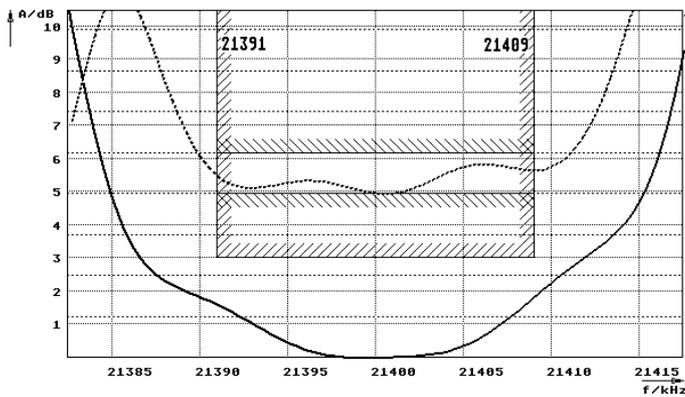
Terminating impedance Z

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

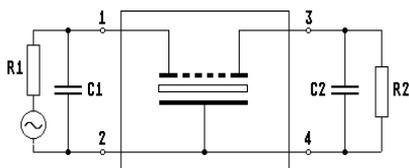
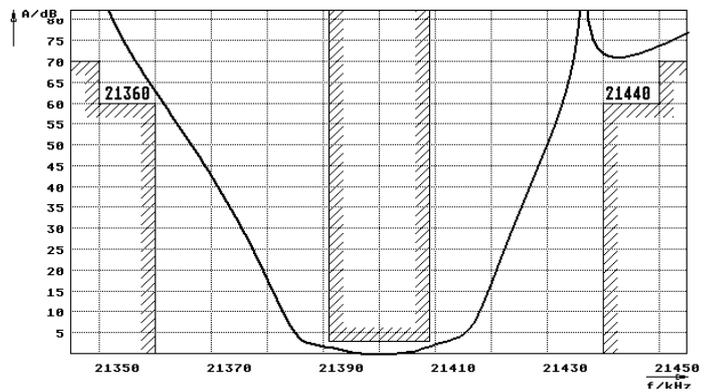
Operating temp. range	$^{\circ}$ C	-20... +70
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Characteristics MQF21.4-1800/08

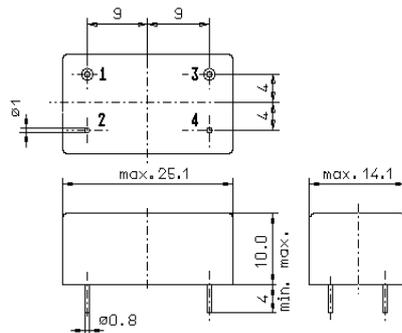
Pass band



Stop band



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



GM3