

Monolithic crystal filter

MQF21.4-0700/09



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	≤ 5.0
Pass band at 6.0 dB		kHz	$\pm 3.5...4.5$
Ripple in pass band	$f_0 \pm 2.00$ kHz	dB	≤ 2.0
Stop band attenuation	$f_0 \pm 11$ kHz	dB	≥ 60
Alternate attenuation	$f_0 \pm 25...5000$ kHz	dB	> 80 except spurious
IP3	stop band	dBm	> 25

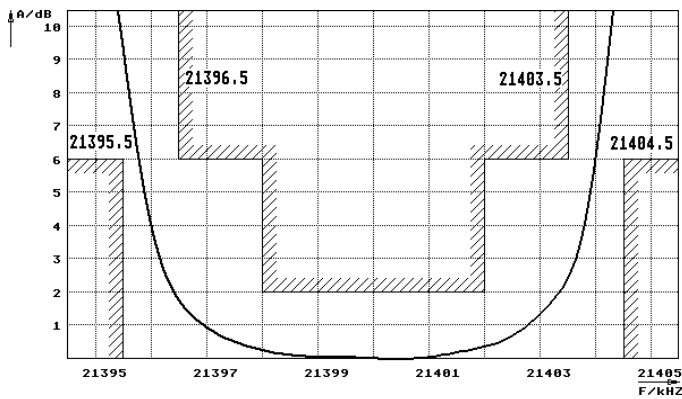
Terminating impedance Z

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

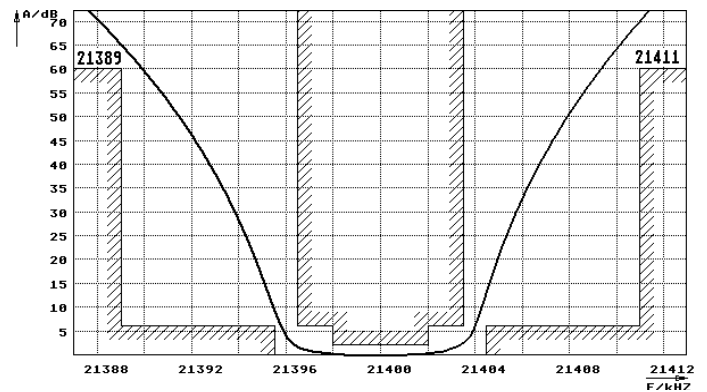
Operating temp. range	$^{\circ}\text{C}$	+0... +70
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Characteristics MQF21.4-0700/09

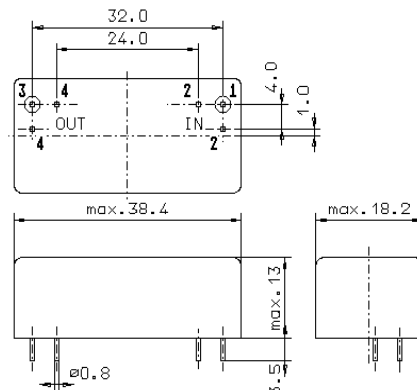
Pass band



Stop band



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



GM17