

Monolithic crystal filter

MQF21.4-1500/51



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	≤ 3.5
Pass band at 3.0 dB		kHz	± 7.50
Ripple in pass band	$f_0 \pm 6.00$ kHz	dB	≤ 2.0
Stop band attenuation	$f_0 \pm 16.5$ kHz	dB	≥ 60
	$f_0 \pm 20$ kHz	dB	> 80
Alternate attenuation	$f_0 \pm 25 \dots 300$ kHz	dB	> 90

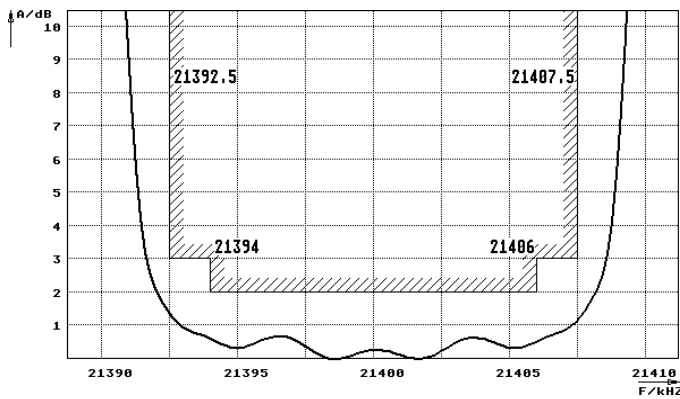
Terminating impedance Z

R1 C1	Ohm/pF	1600 2
R2 C2	Ohm/pF	1600 2

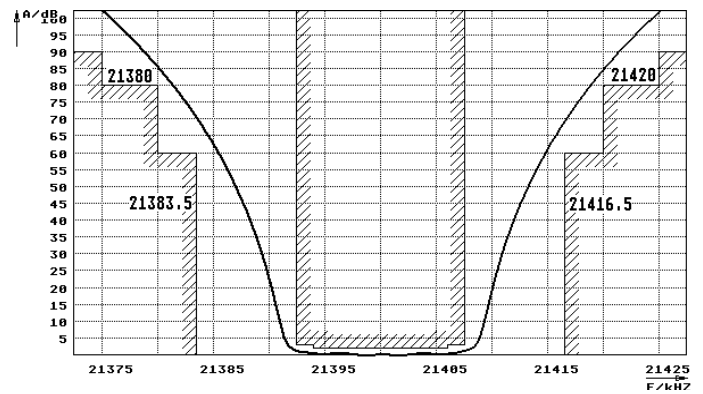
Operating temp. range	$^{\circ}\text{C}$	-25... +70
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Characteristics MQF21.4-1500/51

Pass band



Stop band



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

