

Monolithic crystal filter

MQF41.44-0800/06



Application

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

Limiting values

		Unit	Value
Center frequency	f_0	MHz	41.44
Insertion loss		dB	≤ 3.0
Pass band at 1.0 dB		kHz	± 4.00
Ripple in pass band	$f_0 \pm 4.00$ kHz	dB	≤ 1.0
Stop band attenuation	$f_0 \pm 30$ kHz	dB	≥ 60
Alternate attenuation	0.4MHz... f_0 -2.93MHz	dB	> 60
	f_0 -2.93...-2.83MHz	dB	> 80
Spurious responses		dB	> 40

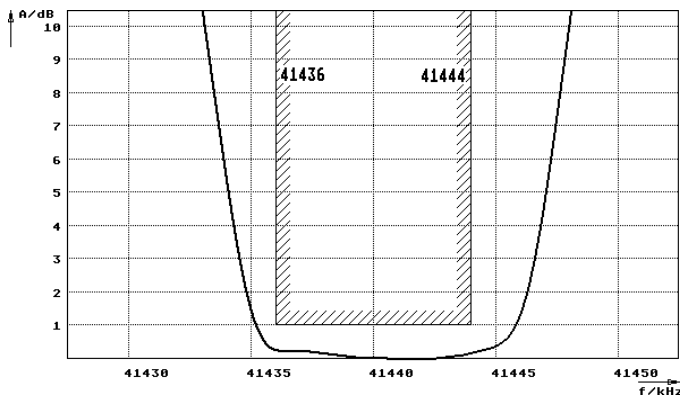
Terminating impedance Z

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

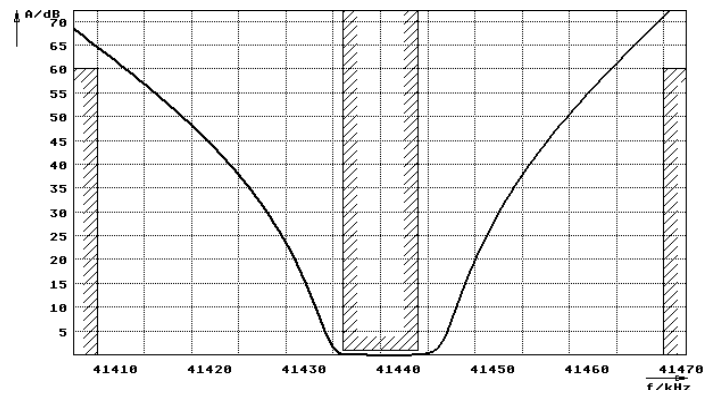
Operating temp. range	° C	-25...+70
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Characteristics MQF41.44-0800/06

Pass band



Stop band



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

