

Monolithic crystal filter

MQF130...180-1500/B



Application

- 6 pol filter
- antenna filter
- use in mobile and stationary transceivers

Limiting values		Unit	Value
Nominal frequency	fo	MHz	130.0...180.0
Insertion loss		dB	< 8.0
Pass band at 3.0dB		kHz	± 7.5
Ripple in pass band	fo ± 5 kHz	dB	< 1.0
Stop band attenuation	fo ± 25 kHz	dB	> 20
	fo ± 60 kHz	dB	> 60
Alternate attenuation		dB	> 60 except spurious
Spurious responses	> fo + 60 kHz	dB	> 40

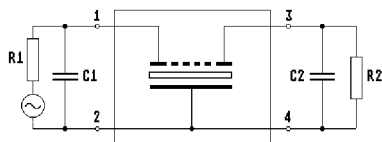
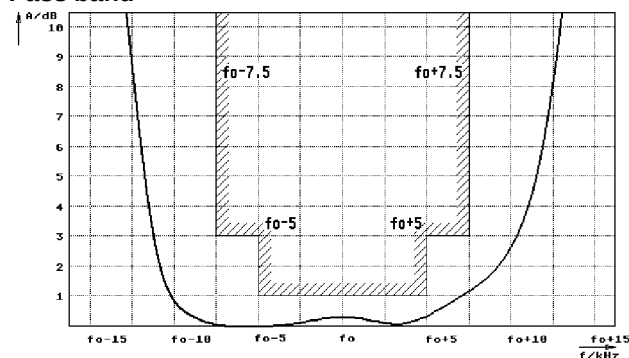
Note: The nominal frequency f_0 is determined by customer

Terminating impedance Z			
R1 C1	Ohm/pF	50	0
R2 C2	Ohm/pF	50	0

Operating temp. range	°C	-20... +70
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Characteristics	MQF130...150-1500/B
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Pass band



Pin connections:

1	Input
2	Ground-Input
3	Output
4	Ground-Output

Stop band

