

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	f_0	MHz	130.0...180.0
Insertion loss		dB	< 8.0
Pass band at 3.0dB		kHz	$\pm > 7.5$
Ripple in pass band	$f_0 \pm 5 \text{ kHz}$	dB	< 1.0
Stop band attenuation	$f_0 \pm 25 \text{ kHz}$	dB	> 20
	$f_0 \pm 60 \text{ kHz}$	dB	> 60
Alternate attenuation		dB	> 60 except spurious
Spurious responses	$> f_0 + 60 \text{ kHz}$	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

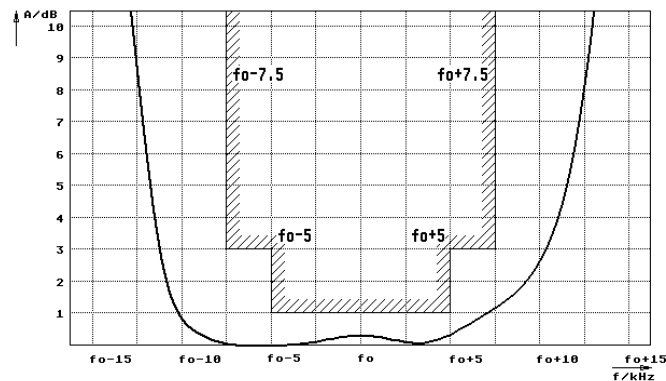
Operating temp. range

°C

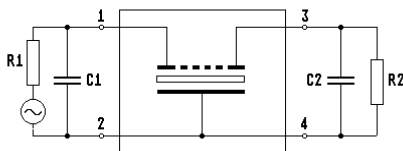
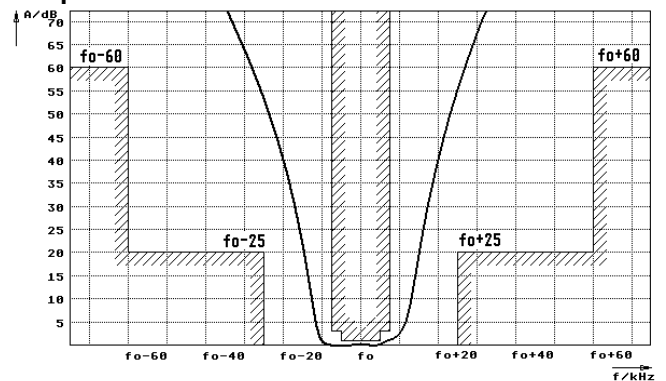
-20... +70

Characteristics MQF130...150-1500/B

Pass band



Stop band



Pin connections:

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

