

Monolithic crystal filter

MQF10.0-0320/03



Application

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

Limiting values

		Unit	Value
Center frequency	f_0	MHz	10.0
Insertion loss		dB	≤ 4.0
Pass band at 6.0 dB		kHz	± 1.60
Ripple in pass band	$f_0 \pm 1.20$ kHz	dB	≤ 2.0
Stop band attenuation	$f_0 \pm 3.5$ kHz	dB	≥ 40
	$f_0 \pm 4.5$ kHz	dB	> 60
	$f_0 \pm 5.0$ kHz	dB	> 70
	$f_0 \pm 6.0$ kHz	dB	> 80
Alternate attenuation	$f_0 \pm 8.0$ kHz	dB	> 90

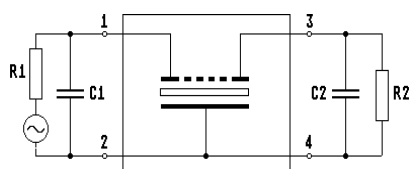
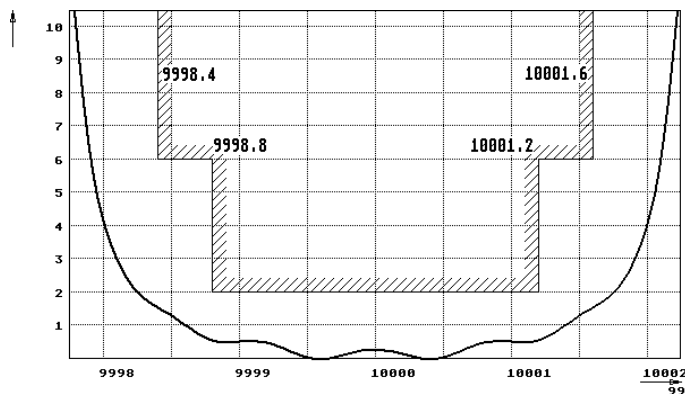
Terminating impedance Z

R1 C1	Ohm/pF	1000 25
R2 C2	Ohm/pF	1000 25

Operating temp. range	° C	-30... +85
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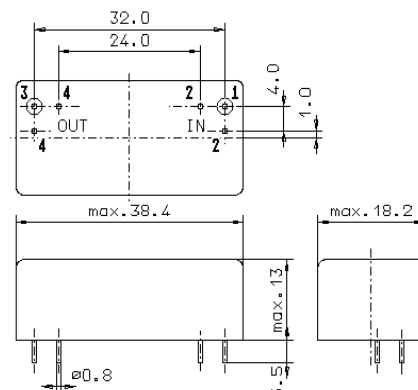
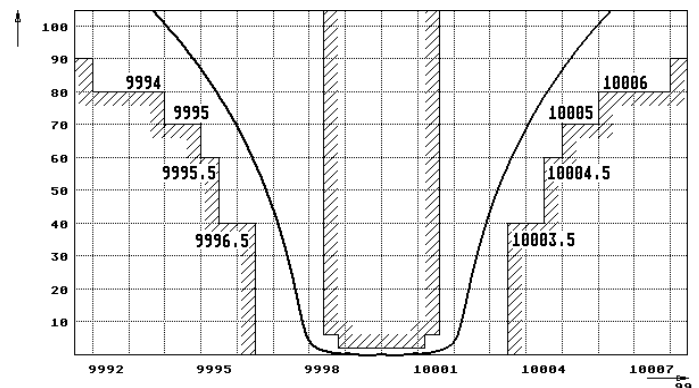
Characteristics MQF10.0-0320/03

Pass band



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

Stop band



GM17