

# 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	$\leq 4.0$
Pass band at 6.0 dB		kHz	$\pm 1.60$
Ripple in pass band	$f_0 \pm 1.20$ kHz	dB	$\leq 2.0$
Stop band attenuation	$f_0 \pm 3.5$ kHz	dB	$\geq 40$
	$f_0 \pm 4.5$ 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	$> 90$

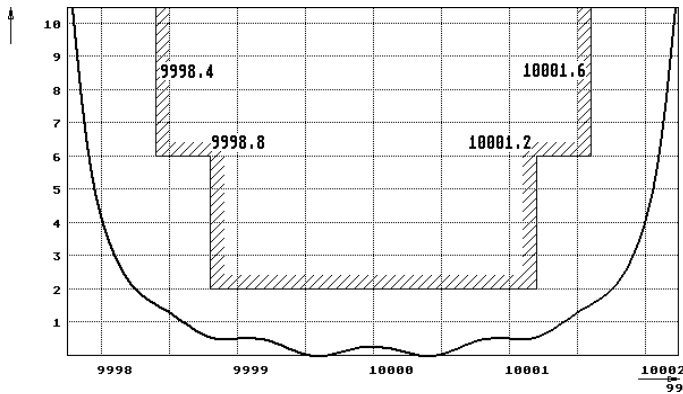
### Terminating impedance Z

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

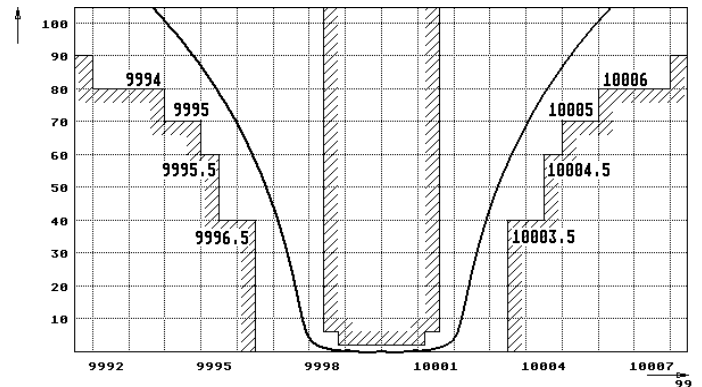
Operating temp. range	°C	-30... +85
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### Characteristics MQF10.0-0320/03

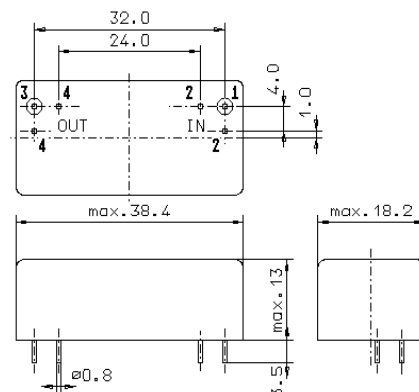
#### Pass band



#### Stop band



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



GM17