

# Monolithic crystal filter

## MQF10.7-0750/25



### Application

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

Limiting values		Unit	Value
Center frequency	$f_0$	MHz	10.7
Insertion loss		dB	$\leq 3.5$
Pass band at 3.0 dB		kHz	$\pm \geq 3.75$
Ripple in pass band	$f_0 \pm 3.00$ kHz	dB	$\leq 2.0$
Stop band attenuation	$f_0 \pm 8.75$ kHz	dB	$\geq 70$
	$f_0 \pm 12.5$ kHz	dB	$> 90$
Alternate attenuation	$f_0 \pm 12.5 \dots 500$ kHz	dB	$> 90$ except spurious

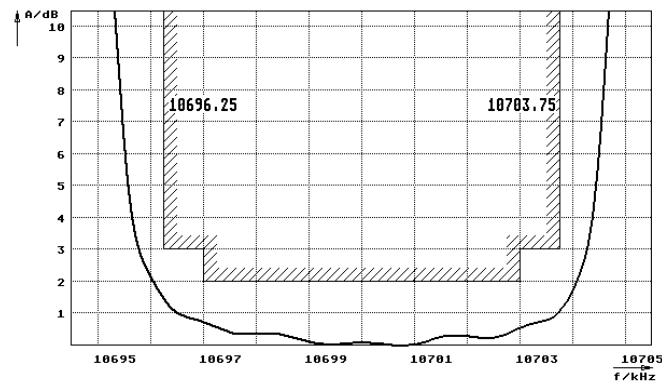
Terminating impedance Z			
R1    C1		Ohm/pF	910    25
R2    C2		Ohm/pF	910    25

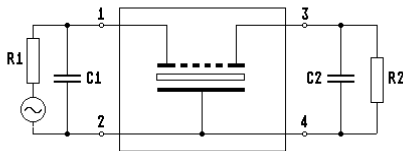
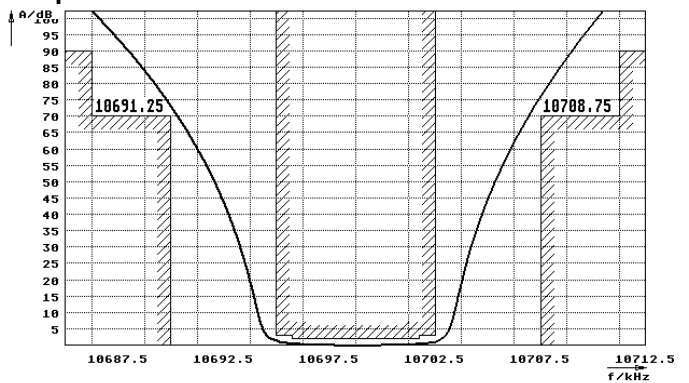
Operating temp. range		°C	-20... +70
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### Characteristics MQF10.7-0750/25

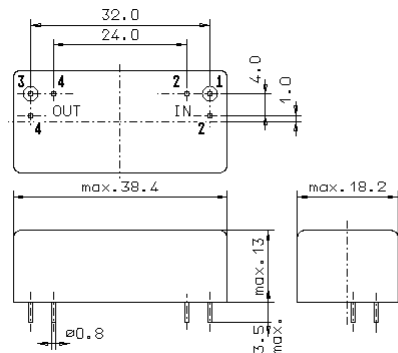
#### Pass band



#### Stop band



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



GM17