

# Monolithic crystal filter

## MQF10.7-1500/25



### Application

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

### Limiting values

		Unit	Value
Center frequency	$f_0$	MHz	$10.7 \pm 500$ Hz
Insertion loss		dB	$\leq 3.5$
Pass band at 3.0 dB		kHz	$\pm 7.5$
Ripple in pass band	$f_0 \pm 5.7$ kHz	dB	$\leq 1.0$
Stop band attenuation	$f_0 \pm 17$ kHz	dB	$\geq 70$
Alternate attenuation		dB	$> 80$

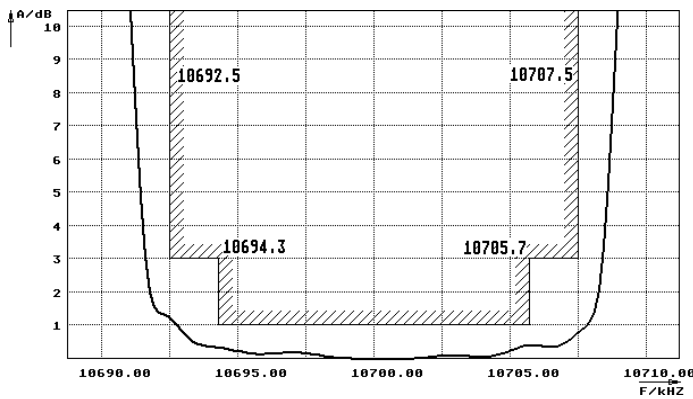
### Terminating impedance Z

R1    C1	Ohm/pF	50    0
R2    C2	Ohm/pF	50    0

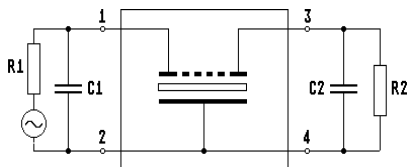
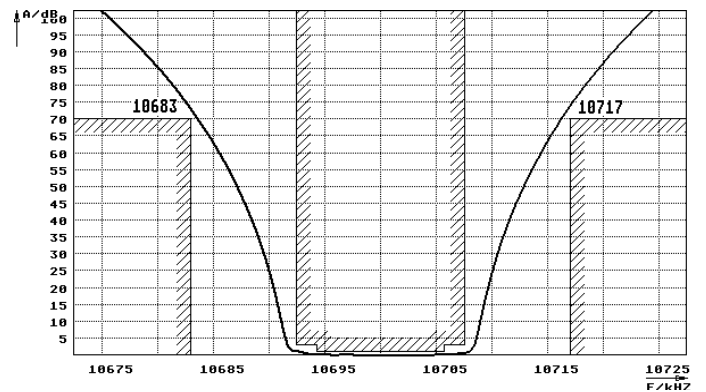
Operating temp. range	°C	-20... +85
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### Characteristics MQF10.7-1500/25

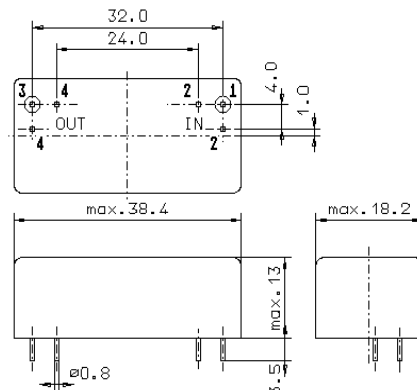
#### Pass band



#### Stop band



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



GM17