

# Monolithic crystal filter

## MQF10.7-0750/07



### Application

- 6 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	$\leq 4.0$
Pass band at 3.0 dB		kHz	$\pm 3.75$
Ripple in pass band	$f_0 \pm 2.40$ kHz	dB	$\leq 1.0$
Stop band attenuation	$f_0 \pm 12.5$ kHz	dB	$\geq 60$
Alternate attenuation	$f_0 \pm 50$ kHz	dB	$> 65$
Spurious responses	$f_0 \pm 25...300$ kHz	dB	$> 65$
Group delay distortion	$f_0 \pm 2.4$ kHz	$\mu$ s	$< 46$

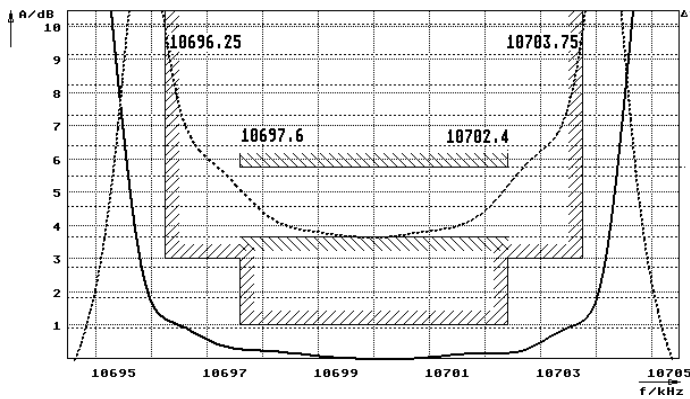
Terminating impedance Z

R1    C1	Ohm/pF	500    5
R2    C2	Ohm/pF	500    5

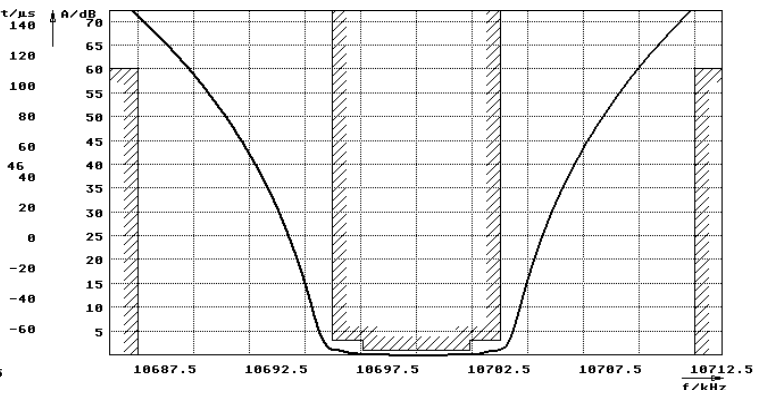
Operating temp. range  $^{\circ}$  C -25... +70

### Characteristics MQF10.7-0750/07

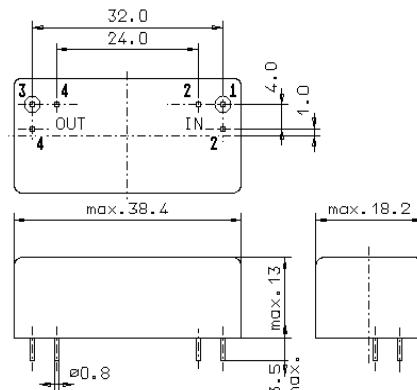
#### Pass band



#### Stop band



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



GM17