

# Monolithic crystal filter

## MQF10.7-1000/08



### Application

- 4 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	$\leq 1.0$
Pass band at 3.0 dB		kHz	$\pm 5.00$
Ripple in pass band	$f_0 \pm 4.00$ kHz	dB	$\leq 1.0$
Stop band attenuation	$f_0 \pm 12$ kHz	dB	$\geq 30$
	$f_0 \pm 20$ kHz	dB	$> 50$
Alternate attenuation	$f_0 \pm 35...500$ kHz	dB	$> 60$ except spurious

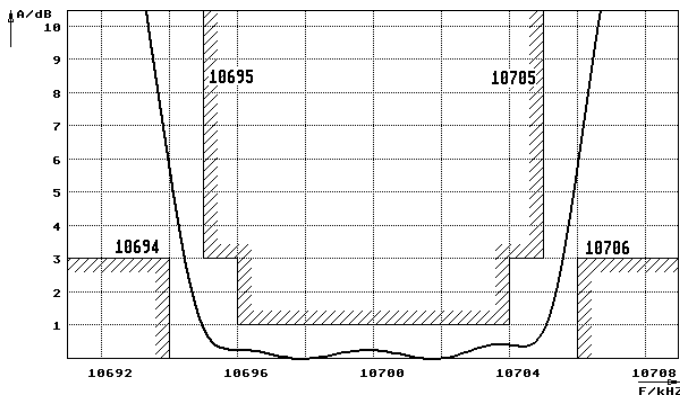
### Terminating impedance Z

R1    C1	Ohm/pF	3000    2	
R2    C2	Ohm/pF	3000    2	
Coupling capacitance	Ck	pF	5.6

Operating temp. range	°C	-20... +70
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### Characteristics MQF10.7-1000/08

#### Pass band



#### Stop band

