

# Monolithic crystal filter MQF10.7-3000/21



## 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 6.0 dB		kHz	$\pm 15.00$
Ripple in pass band	$f_0 \pm 10.00$ kHz	dB	$\leq 2.0$
Stop band attenuation	$f_0 \pm 40$ kHz	dB	$\geq 60$
Alternate attenuation		dB	$> 80$ except spurious

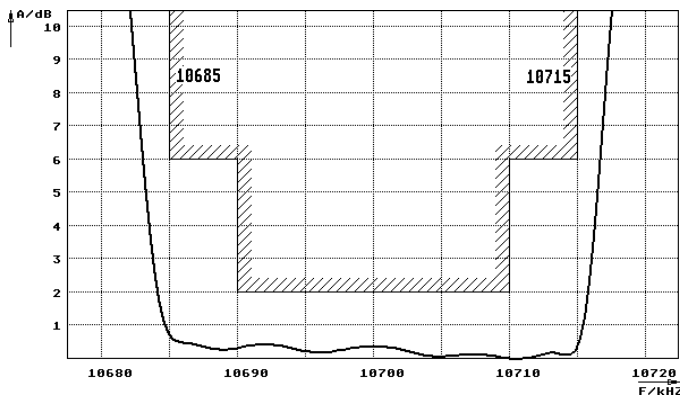
## Terminating impedance Z

R1    C1	Ohm/pF	910    25
R2    C2	Ohm/pF	910    25

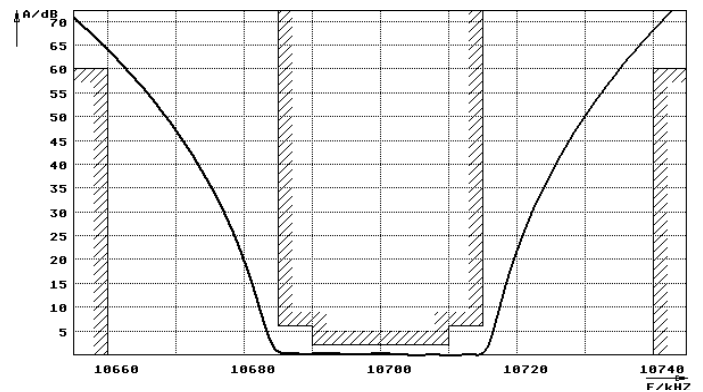
Operating temp. range	$^{\circ}\text{C}$	-40... +85
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## Characteristics MQF10.7-3000/21

### Pass band



### Stop band



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

