

# Monolithic crystal filter

## MQF10.7-3000/18



### 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	$\pm 15.0$
Ripple in pass band	$f_0 \pm 10.0$ kHz	dB	$\leq 2.0$
Stop band attenuation	$f_0 \pm 35$ kHz	dB	$\geq 70$
	$f_0 \pm 50$ kHz	dB	$> 90$
Alternate attenuation	$f_0 \pm 50 \dots 500$ kHz	dB	$> 90$

### Terminating impedance Z

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

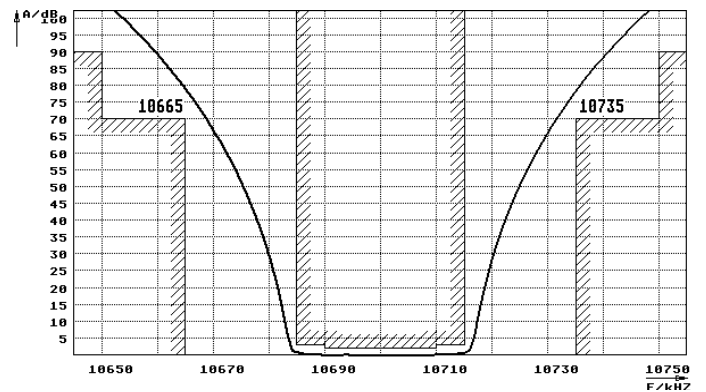
Operating temp. range	$^{\circ}\text{C}$	-20... +70
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### Characteristics MQF10.7-3000/18

#### Pass band



#### Stop band



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

