

# Monolithic crystal filter

## MQF21.4-0750/28



### Application

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

### Limiting values

		Unit	Value
Center frequency	$f_0$ at 25°C	MHz	21.4 ± 300 Hz
Insertion loss		dB	≤ 3.0
Pass band at 3.0 dB		kHz	± 3.75
Ripple in pass band	$f_0 \pm 2.0$ kHz	dB	≤ 1.0
	$f_0 \pm 3.0$ kHz at 25°C	dB	> 1.0
Stop band attenuation	$f_0 \pm 8.75$ kHz	dB	≥ 45
	$f_0 \pm 12.5$ kHz	dB	> 65
Alternate attenuation	$f_0 \pm 20...500$ kHz	dB	> 80

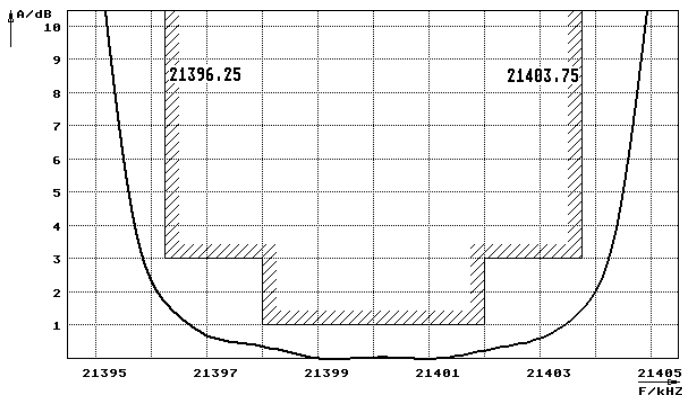
### Terminating impedance Z

R1    C1	Ohm/pF	850    5
R2    C2	Ohm/pF	850    5

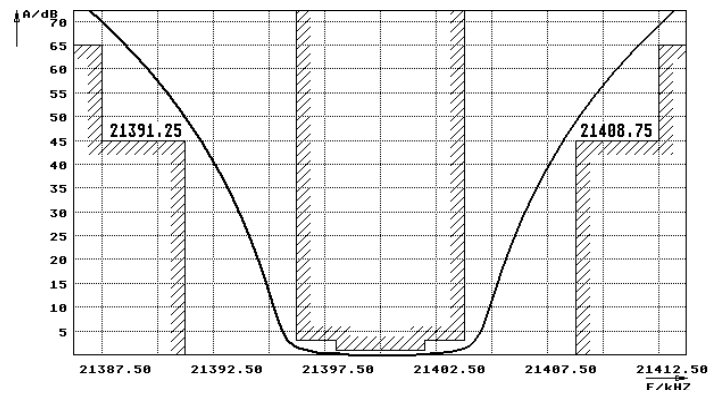
Operating temp. range	° C	-40... +80
-----------------------	-----	------------

### Characteristics MQF21.4-0750/28

#### Pass band



#### Stop band



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

