

# Monolithic crystal filter

## MQF21.4-3000/04



### Application

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

### Limiting values

		Unit	Value
Center frequency	$f_0$	MHz	21.4
Insertion loss		dB	$\leq 4.0$
Pass band at 6.0 dB		kHz	$\pm 15.00$
Ripple in pass band	$f_0 \pm 8.00$ kHz	dB	$\leq 2.0$
Stop band attenuation	$f_0 \pm 35$ kHz	dB	$\geq 65$
	$f_0 \pm 50$ kHz	dB	$> 80$
Alternate attenuation		dB	$> 80$ except spurious
Group delay distortion	$f_0 \pm 8$ kHz	$\mu$ s	$< 10$

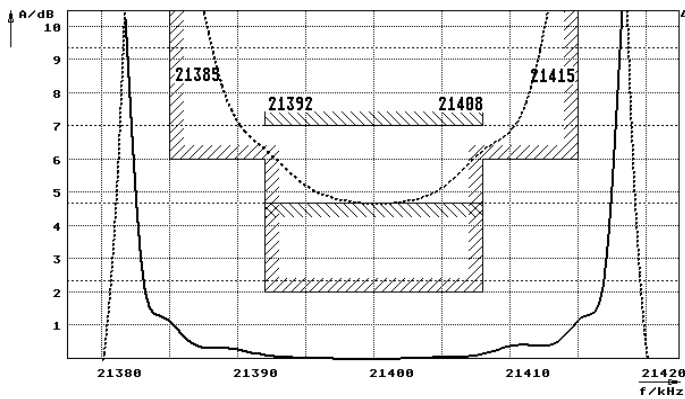
### Terminating impedance Z

R1    C1	Ohm/pF	3000    -1
R2    C2	Ohm/pF	3000    -1

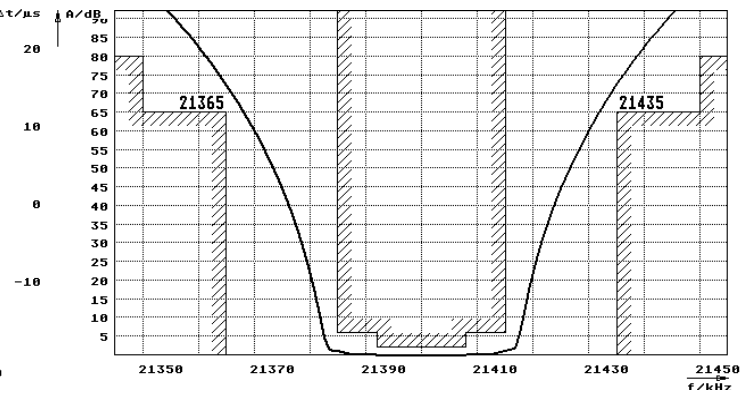
Operating temp. range	$^{\circ}$ C	-25... +70
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### Characteristics MQF21.4-3000/04

#### Pass band



#### Stop band



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

