

# Monolithic crystal filter

## MQF21.4-1500/14



### 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 3.0 dB		kHz	$\pm 7.50$
Ripple in pass band	$f_0 \pm 6.00$ kHz	dB	$\leq 2.0$
Stop band attenuation	$f_0 \pm 17.5$ kHz	dB	$\geq 65$
	$f_0 \pm 25$ kHz	dB	$> 90$
Alternate attenuation	$f_0 \pm 25 \dots 300$ kHz	dB	$> 90$

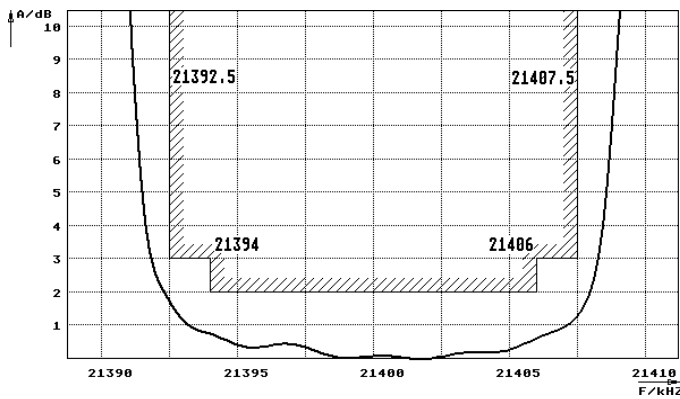
### Terminating impedance Z

R1    C1	Ohm/pF	470    15
R2    C2	Ohm/pF	470    15

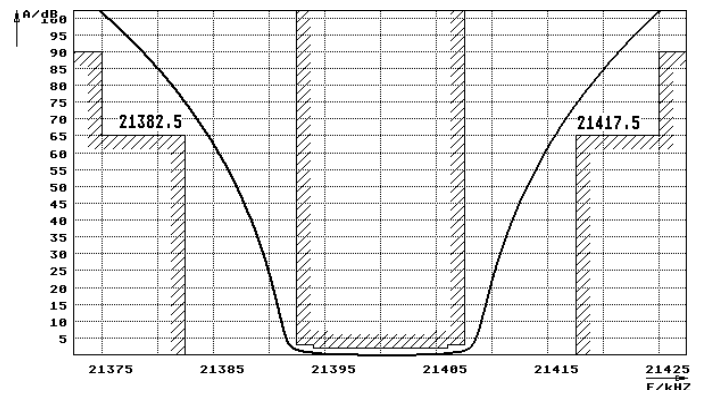
Operating temp. range	$^{\circ}\text{C}$	-25... +70
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### Characteristics MQF21.4-1500/14

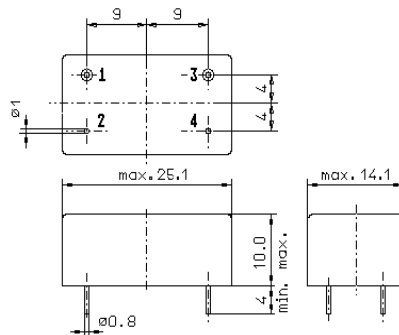
#### Pass band



#### Stop band



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



GM3

