

# Monolithic crystal filter

## MQF21.4-1200/27



### 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	$\leq 3.5$
Pass band at 3.0 dB		kHz	$\pm 6.00$
Ripple in pass band	$f_0 \pm 4.80$ kHz	dB	$\leq 2.0$
Stop band attenuation	$f_0 \pm 14$ kHz	dB	$\geq 70$
	$f_0 \pm 20$ kHz	dB	$> 90$
Alternate attenuation	$f_0 \pm 20 \dots 300$ kHz	dB	$> 90$ except spurious

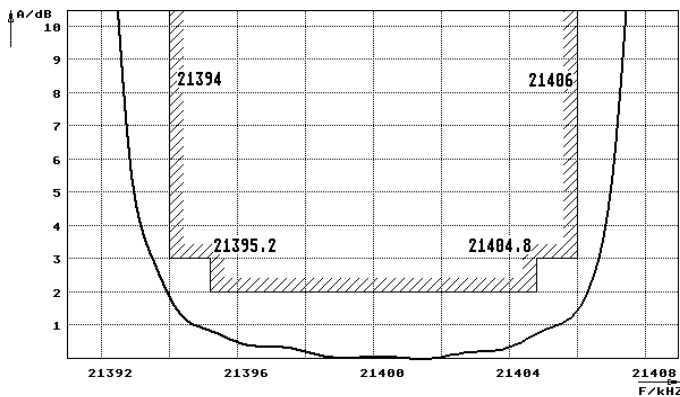
### Terminating impedance Z

R1    C1	Ohm/pF	910    15
R2    C2	Ohm/pF	910    15

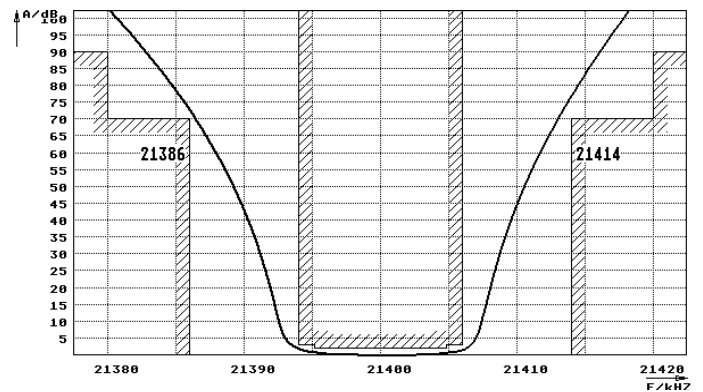
Operating temp. range	$^{\circ}\text{C}$	-20... +70
-----------------------	--------------------	------------

### Characteristics MQF21.4-1200/27

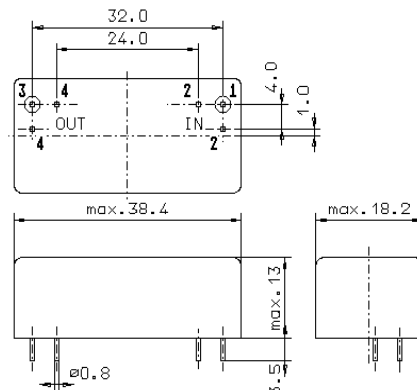
#### Pass band



#### Stop band



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



GM17