

Monolithic crystal filter

MQF21.4-1800/10



Application

- 2 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	≤ 2.0
Pass band at 3.0 dB		kHz	± 9.00
Ripple in pass band	$f_0 \pm 5.00$ kHz	dB	≤ 1.0
Stop band attenuation	$f_0 \pm 26$ kHz	dB	≥ 15
Alternate attenuation	$f_0 \pm 450$ kHz	dB	> 30

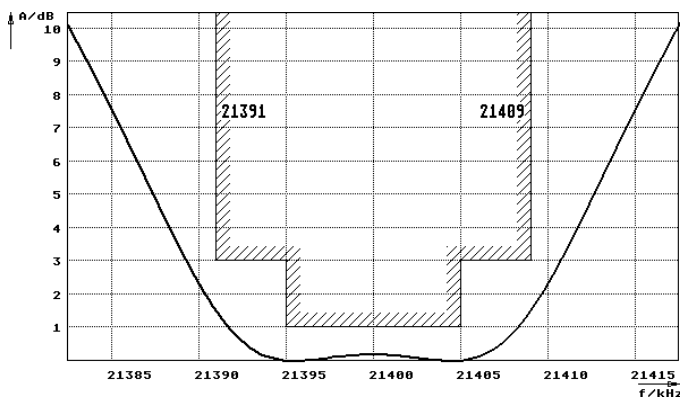
Terminating impedance Z

R1 C1	Ohm/pF	2100 2
R2 C2	Ohm/pF	2100 2

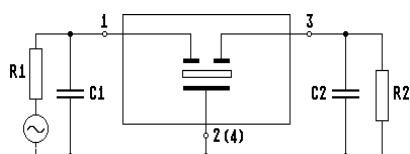
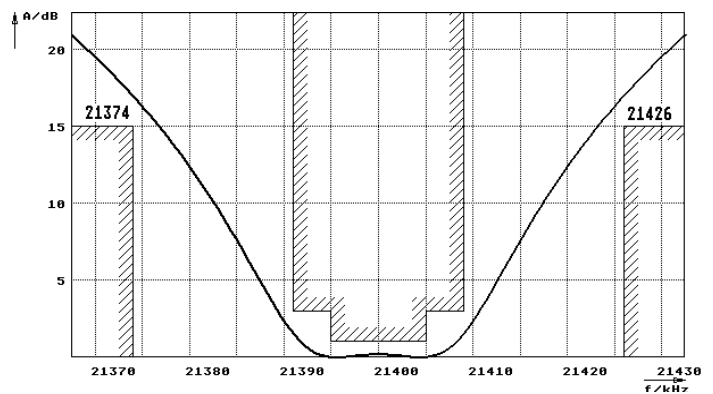
Operating temp. range	°C	-20... +70
Storage temp. range	°C	-55... +85

Characteristics MQF21.4-1800/10

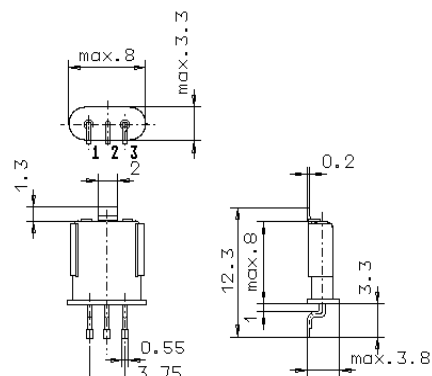
Pass band



Stop band



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



GH9/S