

Monolithic crystal filter

MQF9.0-1200/04

(preliminary specification)



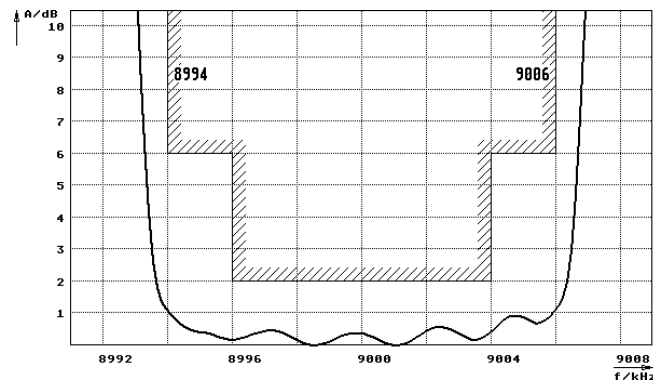
Application

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

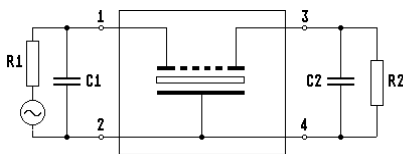
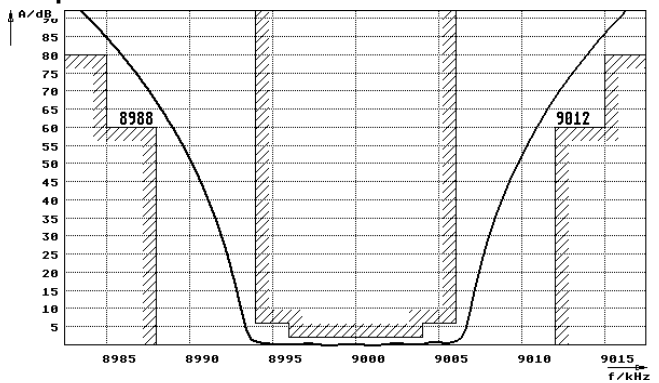
Limiting values		Unit	Value
Center frequency	f_0	MHz	9.0
Insertion loss		dB	≤ 4.0
Pass band at 6.0 dB		kHz	± 6.00
Ripple in pass band	$f_0 \pm 4.00$ kHz	dB	≤ 2.0
Stop band attenuation	$f_0 \pm 12$ kHz	dB	≥ 60
	$f_0 \pm 15$ kHz	dB	> 80
Shape factor	60:6		< 1.9
	80:6		< 2.5
Alternate attenuation		dB	> 90
Terminating impedance Z			
R1 C1		Ohm/pF	1200 30
R2 C2		Ohm/pF	1200 30
Operating temp. range		$^{\circ}\text{C}$	-20... +70

Characteristics MQF9.0-1200/04

Pass band



Stop band



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

