

Monolithic crystal filter

MQF21.4-1200/02



Application

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

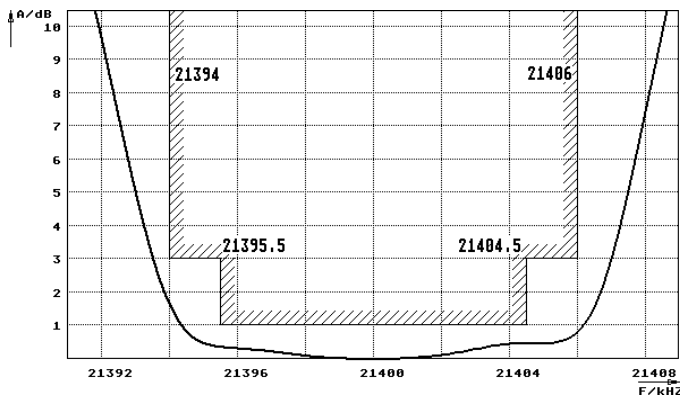
Limiting values

		Unit	Value
Center frequency	f_0	MHz	21.4
Insertion loss		dB	≤ 2.0
Pass band at 3.0 dB		kHz	± 6.00
Ripple in pass band	$f_0 \pm 4.50$ kHz	dB	≤ 1.0
Stop band attenuation	$f_0 \pm 20$ kHz	dB	≥ 40
Alternate attenuation	$f_0 - 100 \dots 1000$ kHz	dB	> 80
	$f_0 + 50 \dots 1000$ kHz	dB	> 65
Spurious responses		dB	> 40
Terminating impedance Z			
R1 C1		Ohm/pF	1200 2.5
R2 C2		Ohm/pF	1200 2.5
Coupling capacitance	Ck	pF	9.0

Operating temp. range $^{\circ}\text{C}$ -25... +70

Characteristics MQF21.4-1200/02

Pass band



Stop band

