

Monolithic crystal filter

MQF21.4-0730/05



Application

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

Limiting values

		Unit	Value
Nominal frequency	f_0	MHz	21.4
Centre frequency	f_c	MHz	21.4 ± 600 Hz
Insertion loss		dB	< 7.0
Pass band at 6.0dB		kHz	$\pm > 3.67$
Ripple in pass band	$f_c \pm 2.5$ kHz	dB	< 2.0
Stop band attenuation	$f_c \pm 6.47$ kHz	dB	> 60
	$f_0 \pm 10$ kHz	dB	> 80
Alternate attenuation		dB	> 80
Spurious response	$f_0 \pm >35$ kHz	dB	< 90

Terminating impedance Z

R1 C1	Ohm/pF	800 6.5
R2 C2	Ohm/pF	800 6.5
Coupling capacitance	pF	16.5/17.7/17.7/16.5

Operating temp. range

°C -40... +85

Storage temp. range

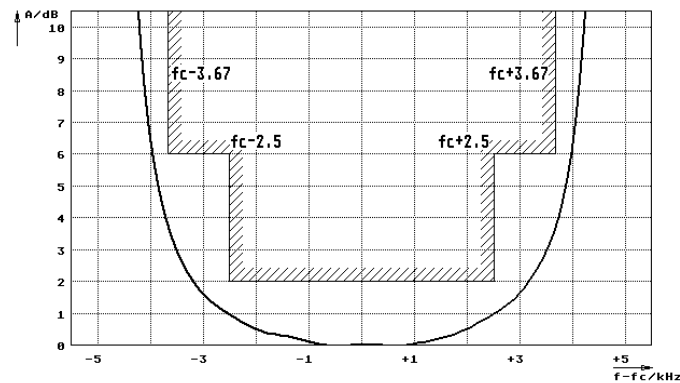
°C -40... +125

Environment conditions

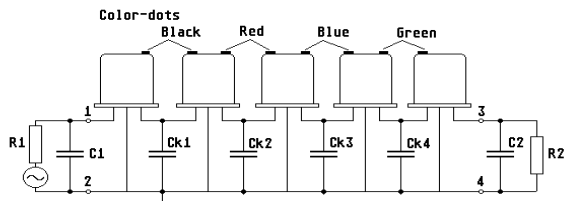
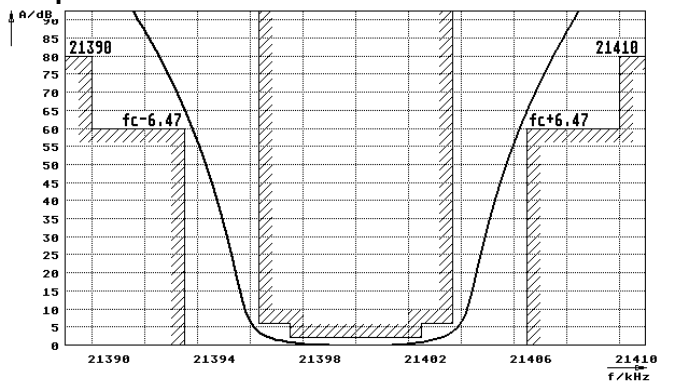
according to CF001

Characteristics MQF21.4-0730/05

Pass band



Stop band



Pin connections:

- 1 Input
- 2 Ground-Input
- 3 Output
- 4 Ground-Output

