

Monolithic crystal filter

MQF10.7-0240/04 (preliminary specification)



Application

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

Limiting values

		Unit	Value
Nominal frequency	f_0	MHz	10.7
Insertion loss		dB	< 5.0
Pass band at 3.0dB		kHz	$\pm > 1.2$
Ripple in pass band	$f_0 \pm 0.9$ kHz	dB	< 2.0
Stop band attenuation	$f_0 \pm 5$ kHz	dB	> 70
Alternate attenuation	$f_0 \pm 200 \dots 1000$ kHz	dB	> 80

Terminating impedance Z

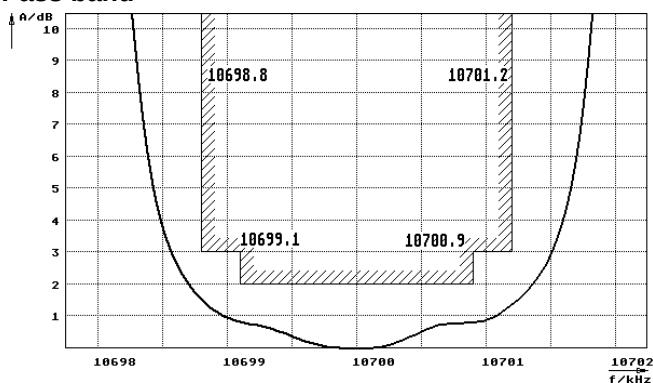
R1 C1	Ohm/pF	500 20
R2 C2	Ohm/pF	500 20

Operating temp. range
Storage temp. range
Environment conditions

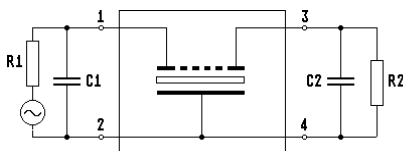
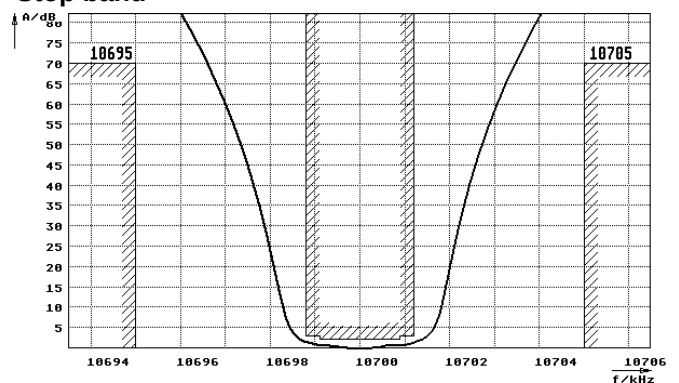
°C	-20... +70
°C	-45... +85
	according to CF001

Characteristics MQF10.7-0240/04

Pass band

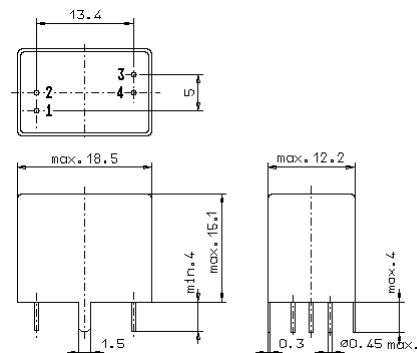


Stop band



Pin connections:

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



GV5.1