

Monolithic crystal filter

MQF10.7-0760/05 (preliminary specification)



Application

- 10 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	< 4.0
Pass band at 6.0dB		kHz	$\pm > 3.8$
Ripple in pass band	$f_0 \pm 2.5 \text{ kHz}$	dB	< 2.0
Stop band attenuation	$f_0 \pm 6.8 \text{ kHz}$	dB	> 60
	$f_0 \pm 8 \text{ kHz}$	dB	> 80
Alternate attenuation	$f_c \pm 0.2...5 \text{ MHz}$	dB	> 90

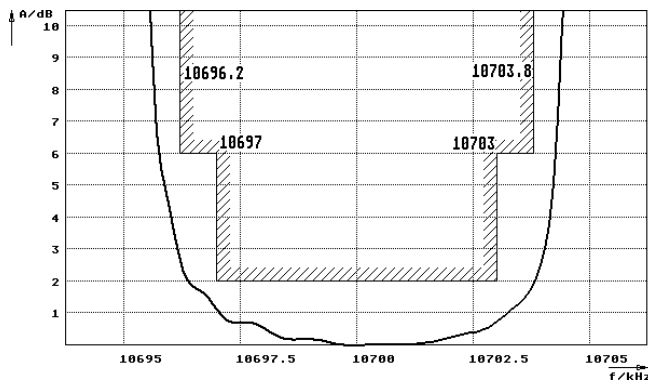
Terminating impedance Z

R1 C1	Ohm/pF	910 25
R2 C2	Ohm/pF	910 25

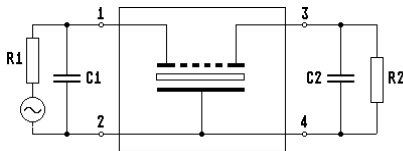
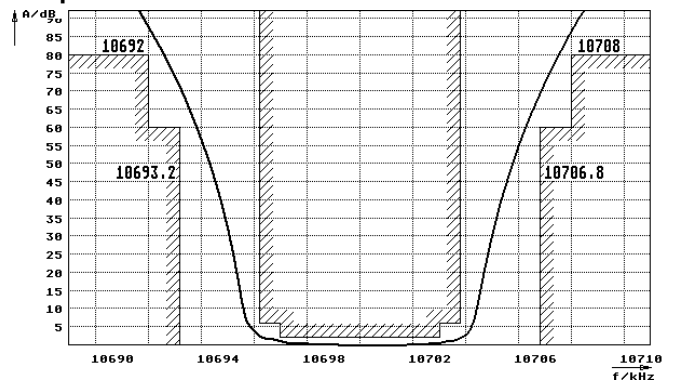
Operating temp. range	°C	-20... +60
Storage temp. range	°C	-45... +85
Environment conditions		according to CF001

Characteristics MQF10.7-0760/05

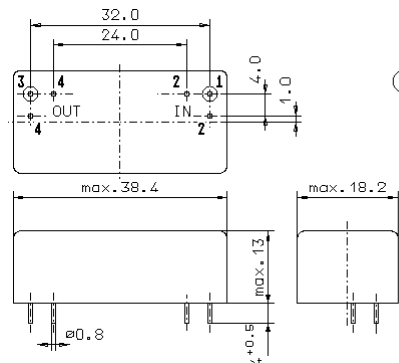
Pass band



Stop band



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



GM17.2