

Monolithic crystal filter

MQF10.7-0700/03



Application

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

Limiting values

		Unit	Value
Center frequency	f_0	MHz	10.7
Tolerance of centre frequ.	f_c at 25°C	Hz	± 320
Insertion loss		dB	≤ 3.5
Pass band at 6.0 dB		kHz	± 3.50
Ripple in pass band	$f_0 \pm 3.00$ kHz	dB	≤ 2.0
Stop band attenuation	$f_0 \pm 10$ kHz	dB	≥ 60
	$f_0 \pm 15$ kHz	dB	> 80

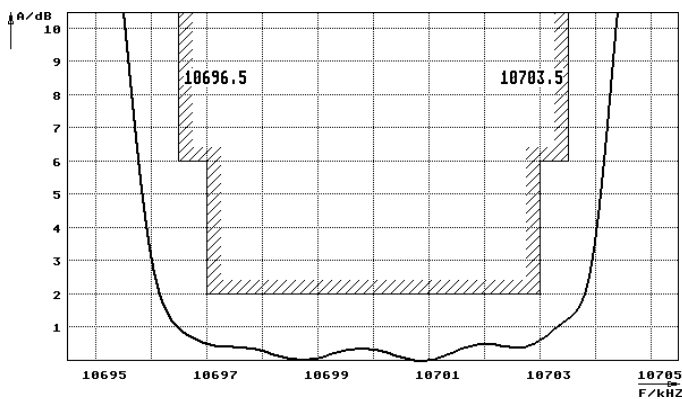
Terminating impedance Z

R1 C1	Ohm/pF	2500 25
R2 C2	Ohm/pF	2500 25

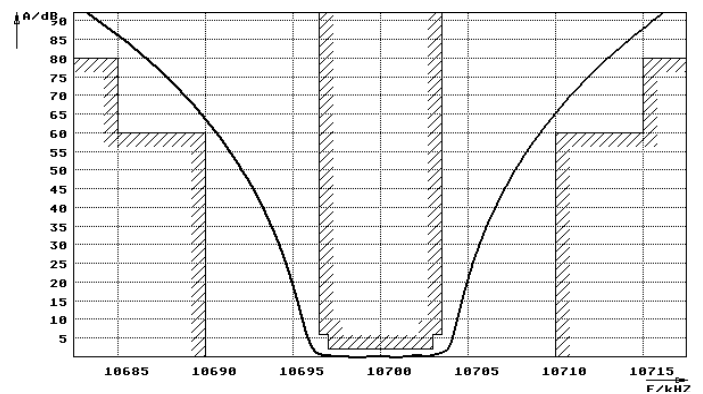
Operating temp. range	° C	-40...+70
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Characteristics MQF10.7-0700/03

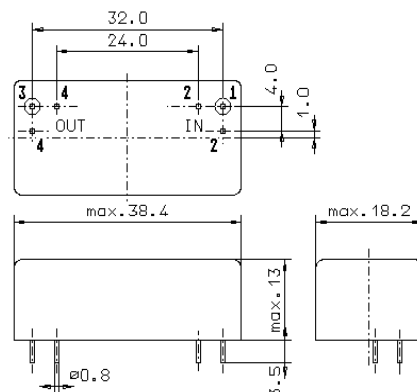
Pass band



Stop band



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



GM17