

Monolithic crystal filter

MQF10.7-1680/04



Application

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

Limiting values

		Unit	Value
Center frequency	f_0	MHz	10.7
Insertion loss		dB	≤ 3.0
Pass band at 6.0 dB		kHz	± 8.40
Ripple in pass band	$f_0 \pm 7.00$ kHz	dB	≤ 2.0
Stop band attenuation	$f_0 \pm 16.6$ kHz	dB	≥ 45
	$f_0 \pm 24.5$ kHz	dB	> 90
Alternate attenuation	$f_0 \pm 25$ kHz	dB	> 90
Group delay distortion	$f_0 \pm 7$ kHz	μs	< 80

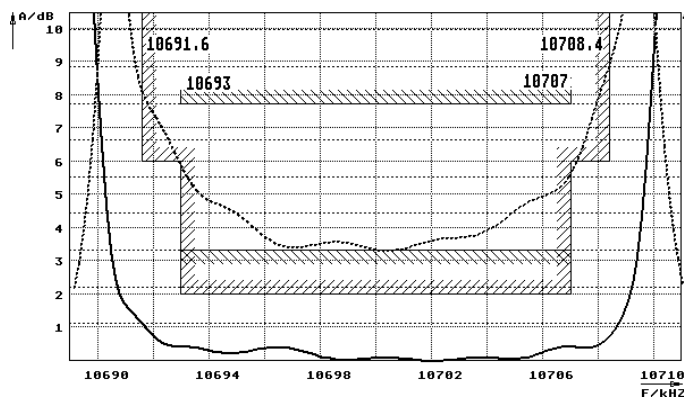
Terminating impedance Z

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

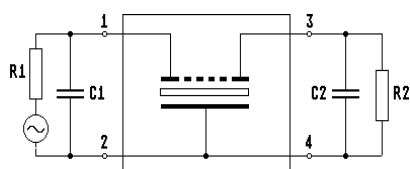
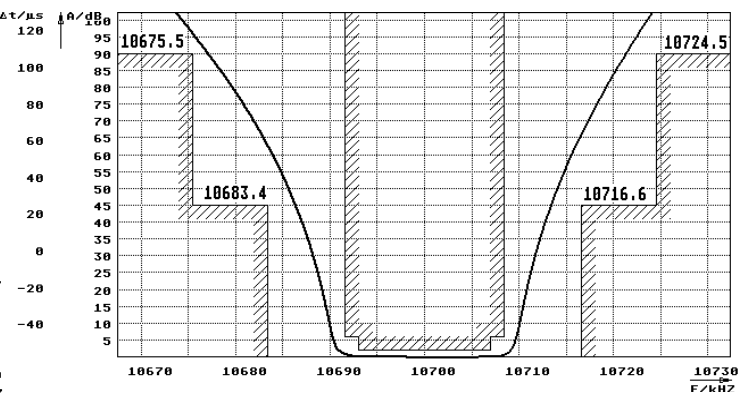
Operating temp. range	$^{\circ}C$	-40... +85
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Characteristics MQF10.7-1680/04

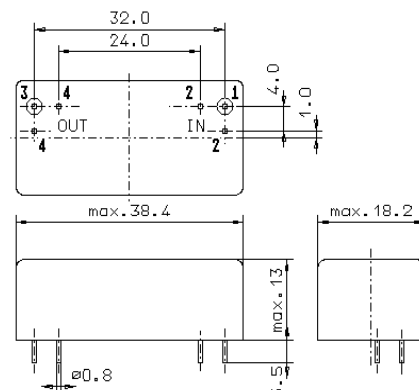
Pass band



Stop band



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



GM17