

Monolithic crystal filter

MQF70.0-2300/07



Application

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

Limiting values

		Unit	Value
Center frequency	f_0	MHz	70.0
Insertion loss		dB	≤ 5.0
Pass band at 3.0 dB		kHz	± 11.50
Ripple in pass band	$f_0 \pm 8.00$ kHz	dB	≤ 2.0
Stop band attenuation	$f_0 \pm 30$ kHz	dB	≥ 20
	$f_0 \pm 50$ kHz	dB	> 40
Alternate attenuation	$f_0 \pm 200$ kHz	dB	> 60 except spurious
Group delay distortion	$f_0 \pm 11,5$ kHz	μ s	< 30

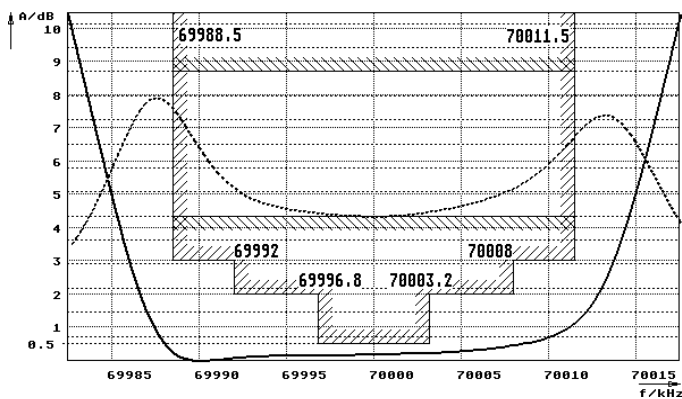
Terminating impedance Z

R1 C1	Ohm/pF	50 0
R2 C2	Ohm/pF	50 0

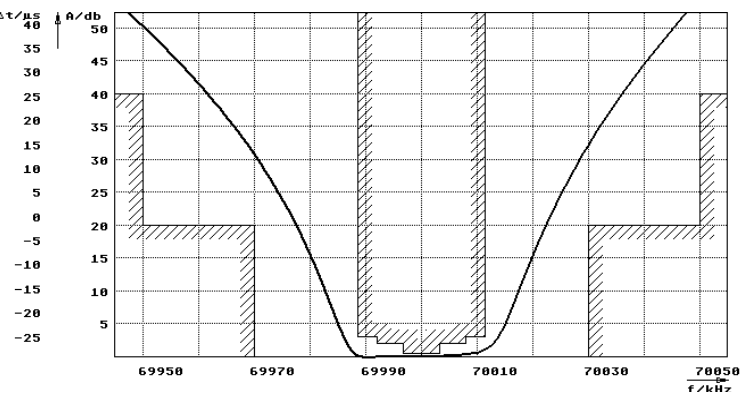
Operating temp. range	$^{\circ}$ C	-40... +85
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Characteristics MQF70.0-2300/07

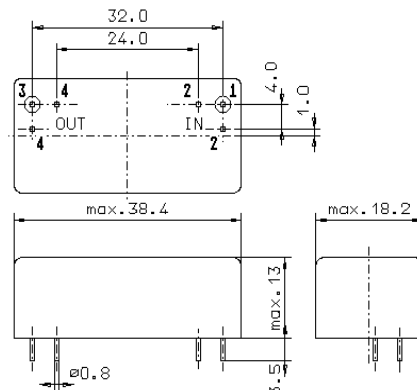
Pass band



Stop band



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



GM17