

Monolithic crystal filter

MQF70.0-0600/04



Application

- 8 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	≤ 6.0
Pass band at 3.0 dB		kHz	± 3.00
Ripple in pass band	$f_0 \pm 2.50$ kHz	dB	≤ 2.0
Stop band attenuation	$f_0 \pm 12.5$ kHz	dB	≥ 65
Alternate attenuation	$f_0 \pm 12.5 \dots 1000$ kHz	dB	> 65
Spurious responses		dB	> 40

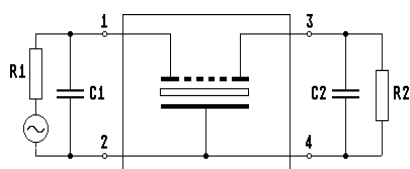
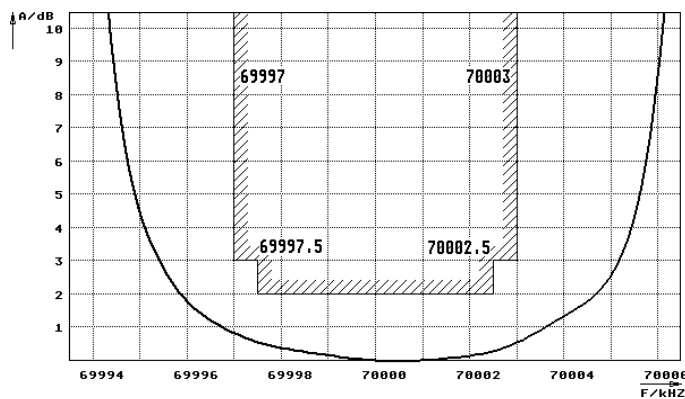
Terminating impedance Z

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

Operating temp. range	° C	-55... +60
-----------------------	-----	------------

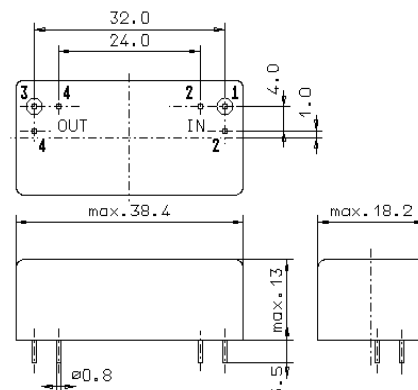
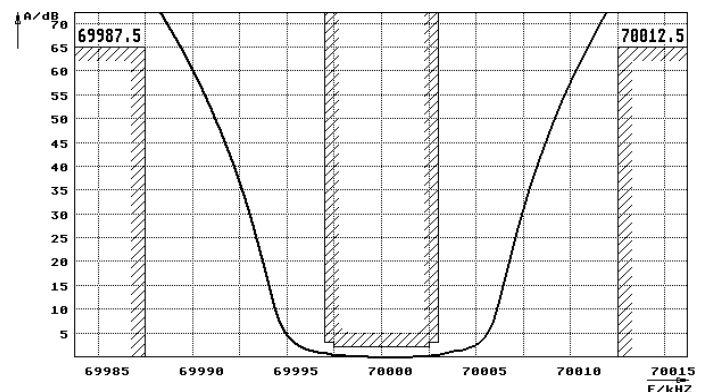
Characteristics MQF70.0-0600/04

Pass band



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

Stop band



GM17