

Monolithic crystal filter

MQF45.0-1500/11



Application

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

Limiting values

		Unit	Value
Center frequency	f_0	MHz	45.0
Insertion loss		dB	≤ 5.0
Pass band at 3.0 dB		kHz	± 7.50
Ripple in pass band	$f_0 \pm 6.00$ kHz	dB	≤ 2.0
Stop band attenuation	$f_0 \pm 25$ kHz	dB	≥ 60
Alternate attenuation	$f_0 \pm 910$ kHz	dB	> 80 except spurious

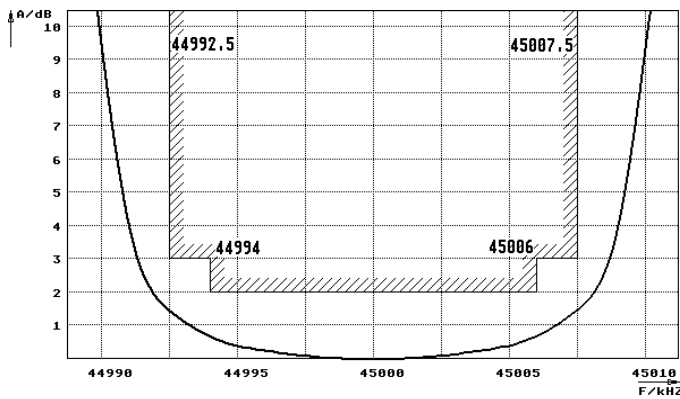
Terminating impedance Z

R1 C1	Ohm/pF	650 1.5
R2 C2	Ohm/pF	650 1.5

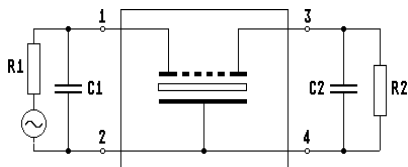
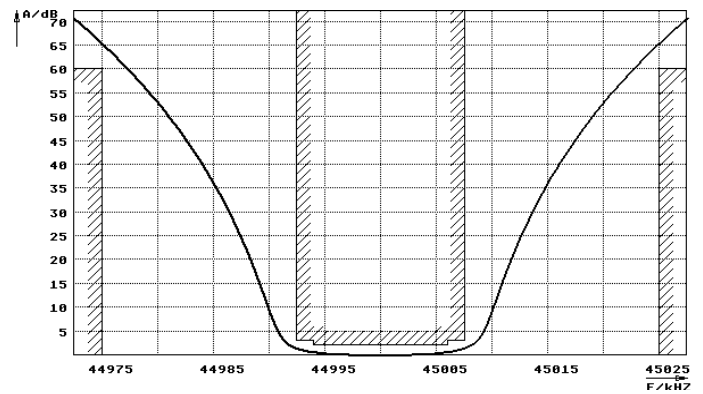
Operating temp. range	° C	-25... +70
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Characteristics MQF45.0-1500/11

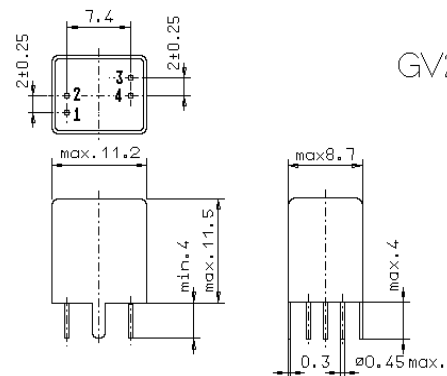
Pass band



Stop band



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



GV2.1