

Monolithic crystal filter

MQF45.0-3000/14



Application

- 4 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	≤ 4.0
Pass band at 1.0 dB		kHz	± 15.00
Ripple in pass band	$f_0 \pm 10.00$ kHz	dB	≤ 0.5
Stop band attenuation	$f_0 \pm 115$ kHz	dB	≥ 60
Alternate attenuation		dB	> 70 except spurious

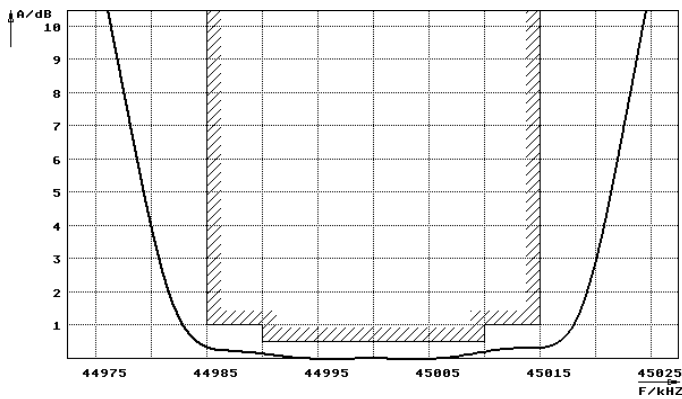
Terminating impedance Z

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

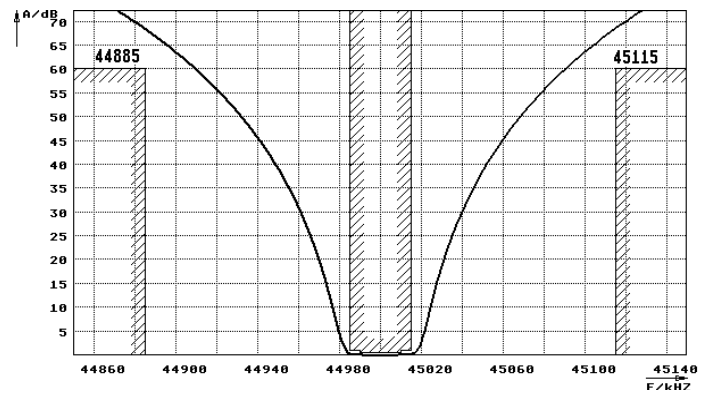
Operating temp. range	$^{\circ}\text{C}$	-40... +85
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Characteristics MQF45.0-3000/14

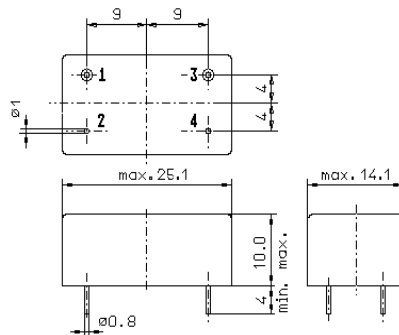
Pass band



Stop band



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



GM3