

Monolithic crystal filter

MQF35.25-5000/07



Application

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

Limiting values

		Unit	Value
Center frequency	f_0	MHz	$35.25 \pm 3\text{kHz}$
Insertion loss		dB	≤ 5.0
Pass band at 3.0 dB		kHz	± 25.0
Ripple in pass band	$f_0 \pm 17.5\text{ kHz}$	dB	≤ 2.0
Stop band attenuation	$f_0 \pm 100\text{ kHz}$	dB	≥ 70
Alternate attenuation		dB	> 70
Spurious	35.4...35.75 MHz	dB	> 50

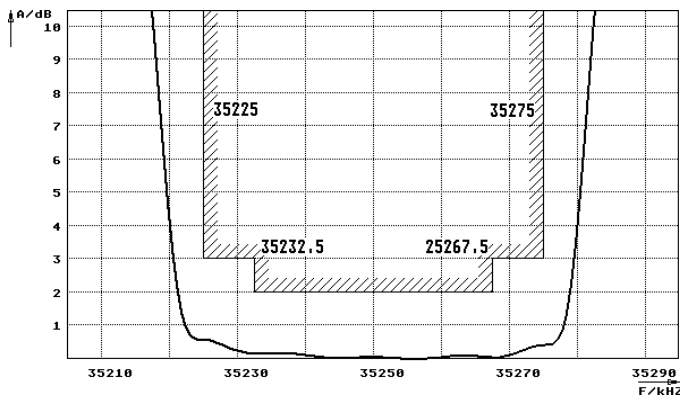
Terminating impedance Z

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

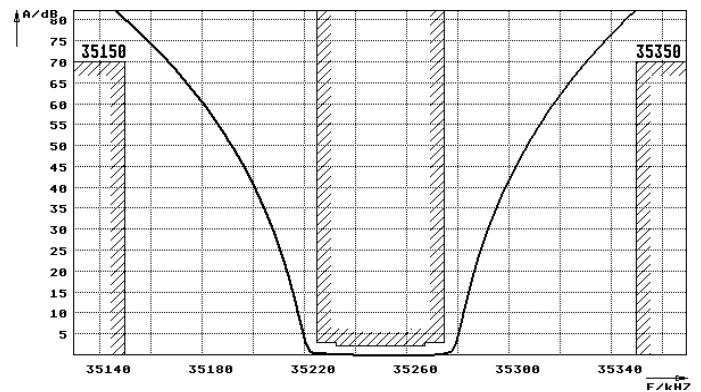
Operating temp. range	°C	-40... +85
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Characteristics MQF35.25-5000/07

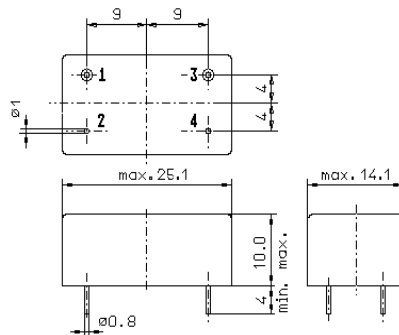
Pass band



Stop band



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



GM3