

Monolithic crystal filter

MQF34.816-1500/07



Application

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

Limiting values

		Unit	Value
Center frequency	f_0	MHz	34.816
Insertion loss		dB	≤ 3.0
Pass band at 3.0 dB		kHz	± 7.50
Ripple in pass band	$f_0 \pm 5.00$ kHz	dB	≤ 1.0
Stop band attenuation	$f_0 \pm 25$ kHz	dB	≥ 40
Alternate attenuation	$f_0 \pm 50...500$ kHz	dB	> 60 except spurious

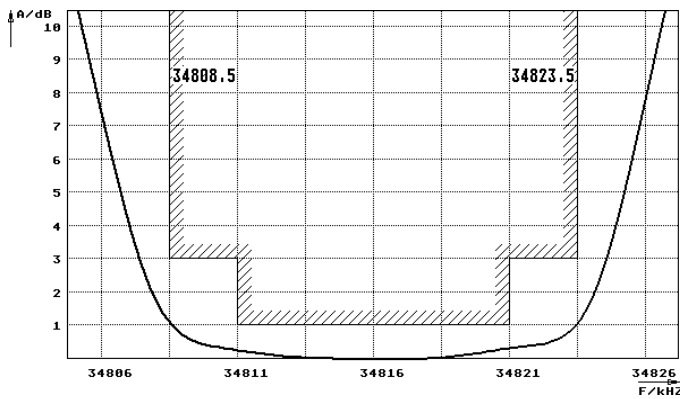
Terminating impedance Z

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

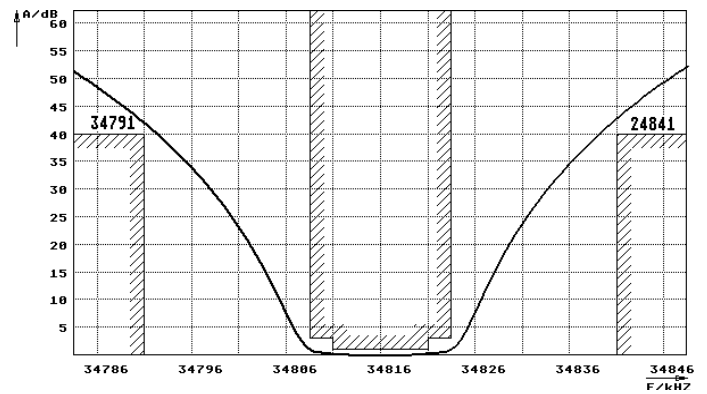
Operating temp. range	$^{\circ}\text{C}$	-20... +70
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Characteristics MQF34.816-1500/07

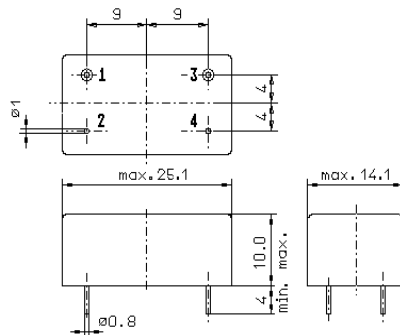
Pass band



Stop band



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



GM3

