

Monolithic crystal filter

MQF53.3-1000/03



Application

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

Limiting values

		Unit	Value
Center frequency	f_0	MHz	53.3
Insertion loss		dB	≤ 4.0
Pass band at 1.0 dB		kHz	± 5.00
Ripple in pass band	$f_0 \pm 5.00$ kHz	dB	≤ 1.0
Stop band attenuation	$f_0 \pm 30$ kHz	dB	≥ 60
Alternate attenuation	$f_0 - 2.93..2.83$ MHz	dB	> 80
VSWR	$f_0 \pm 5$ kHz		< 2.0

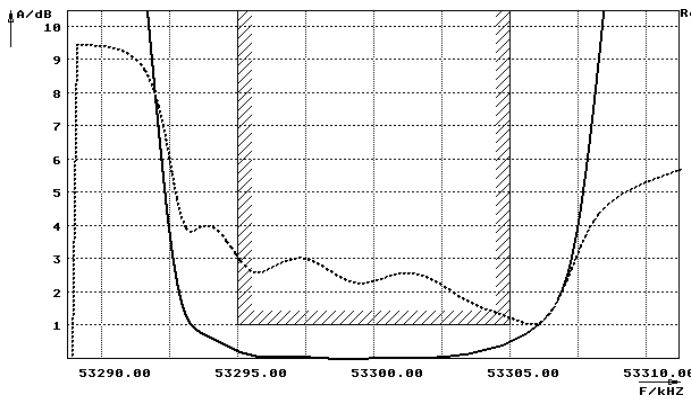
Terminating impedance Z

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

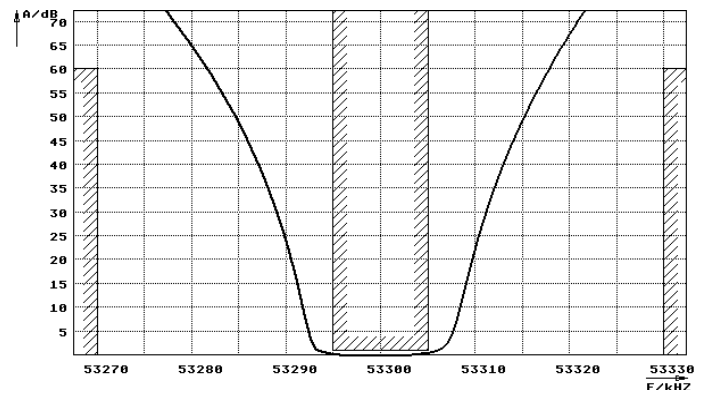
Operating temp. range ° C -20... +70

Characteristics MQF53.3-1000/03

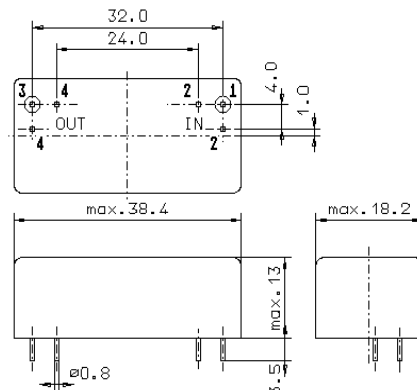
Pass band



Stop band



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



GM17