

Monolithic crystal filter

MQF19.5-1200/03



Application

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

Limiting values

		Unit	Value
Center frequency	f_0	MHz	19.5 ± 600 Hz
Insertion loss		dB	≤ 3.0
Pass band at 3.0 dB		kHz	± 6.00
Ripple in pass band	$f_0 \pm 4.80$ kHz	dB	≤ 1.0
Stop band attenuation	$f_0 \pm 25$ kHz	dB	≥ 50
Stopband attenuation	$f_0 \pm 200$ kHz	dB	> 80
Alternate attenuation	$f_0 \pm 0.2..80$ MHz	dB	> 60
IMD at input level -10dBm	f_0+200 kHz, f_0+400 kHz	dB	> 85

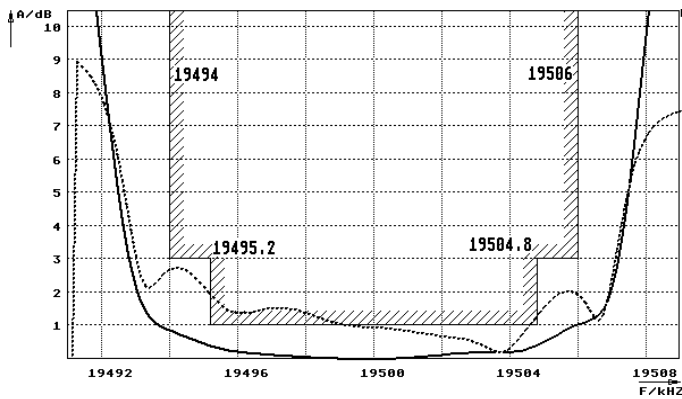
Terminating impedance Z

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

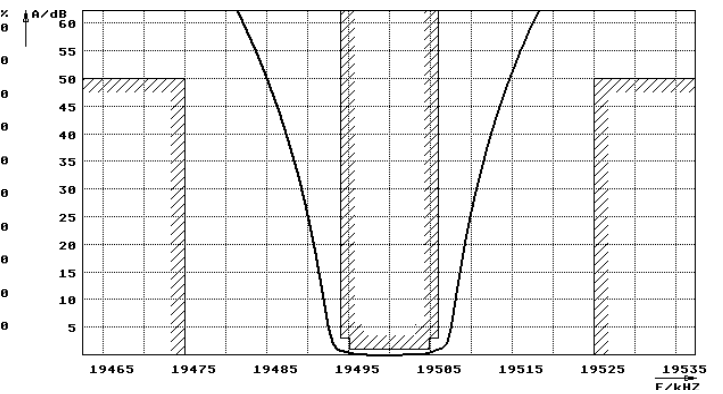
Operating temp. range	° C	-20... +50
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Characteristics MQF19.5-1200/03

Pass band



Stop band



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

