

Monolithic crystal filter

MQF10.7-3000/19



Application

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

Limiting values

		Unit	Value
Center frequency	f_0	MHz	10.7
Insertion loss		dB	≤ 3.5
Pass band at 3.0 dB		kHz	± 15.0
Ripple in pass band	$f_0 \pm 10.0$ kHz	dB	≤ 2.0
Stop band attenuation	$f_0 \pm 35$ kHz	dB	≥ 70
	$f_0 \pm 50$ kHz	dB	> 90
Alternate attenuation	$f_0 \pm 50...500$ kHz	dB	> 90

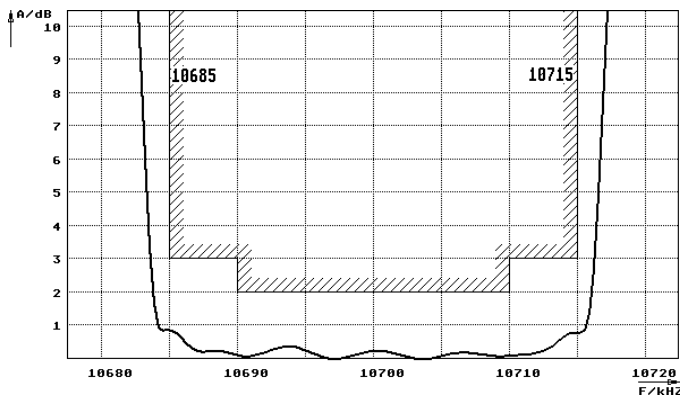
Terminating impedance Z

R1 C1	Ohm/pF	5600 -1
R2 C2	Ohm/pF	5600 -1

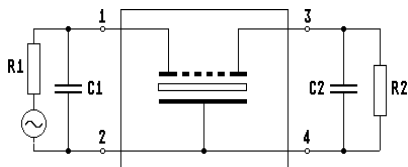
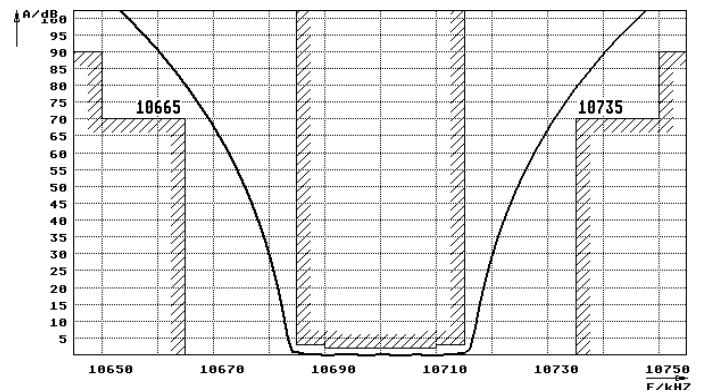
Operating temp. range	°C	-40...+80
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Characteristics MQF10.7-3000/19

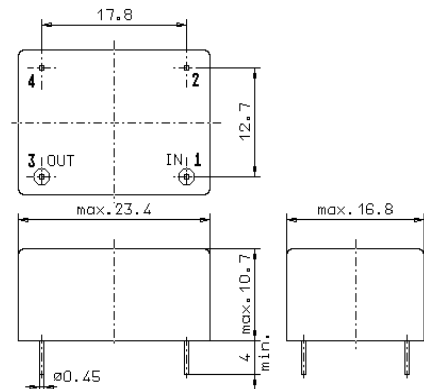
Pass band



Stop band



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



GM20