

Monolithic crystal filter

MQF15.3-1500/06



Application

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

Limiting values

		Unit	Value
Centre frequency	f_c	MHz	15.3 ± 600 Hz
Insertion loss		dB	≤ 3.0
Pass band at 6.0 dB		kHz	$\pm 7.25 \dots 8.0$
Ripple in pass band	$f_c \pm 6.20$ kHz	dB	≤ 2.0
Stop band attenuation	$f_c \pm 15$ kHz	dB	≥ 70
	$f_c \pm 20$ kHz	dB	> 90
Alternate attenuation	$f_c \pm 300 \dots 5000$ kHz	dB	> 80

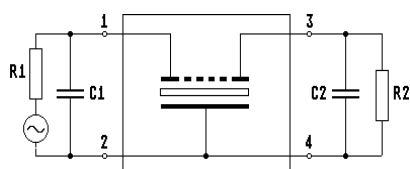
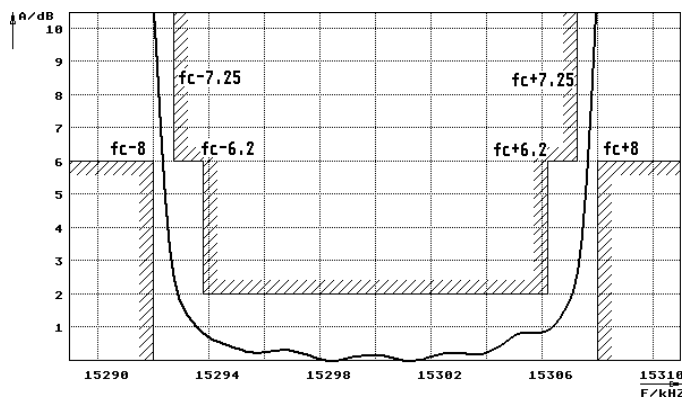
Terminating impedance Z

R1 C1	Ohm/pF	1000 -1.5
R2 C2	Ohm/pF	1000 -1.5

Operating temp. range	° C	-20... +70
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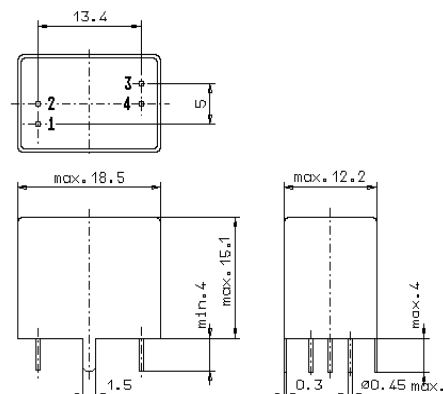
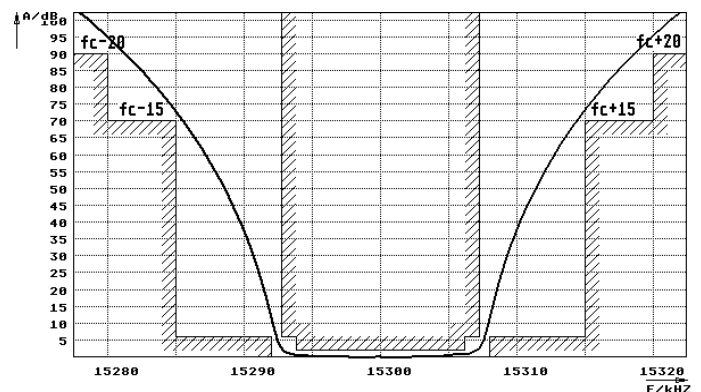
Characteristics MQF15.3-1500/06

Pass band



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

Stop band



GV5.1