Monolithic crystal filter
MQF21.4-1200/14

VECTRON INTERNATIONAL
A DOVER TECHNOLOGIES COMPANY

Application

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

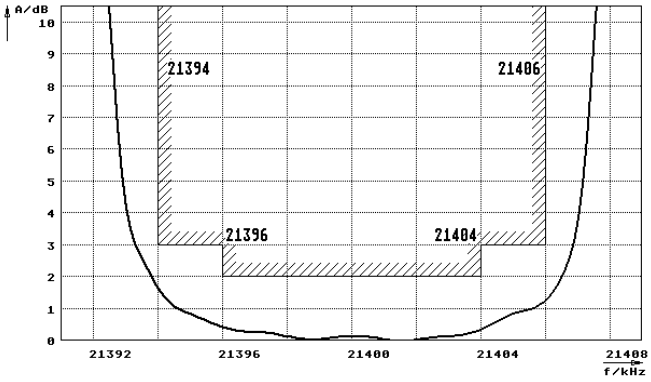
Limiting values		Unit	Value
Nominal frequency	fo	MHz	21.4
Insertion loss		dB	< 4.0
Pass band at 3.0dB		kHz	±> 6
Ripple in pass band	fo ± 4 kHz	dB	< 2.0
Stop band attenuation	fo ± 14 kHz	dB	> 65
	fo ± 20 kHz	dB	> 90
Alternate attenuation	fo ± 20...300 kHz	dB	> 90

Terminating impedance Z		
R1||C1	Ohm/pF	470 || 15
R2||C2	Ohm/pF	470 || 15

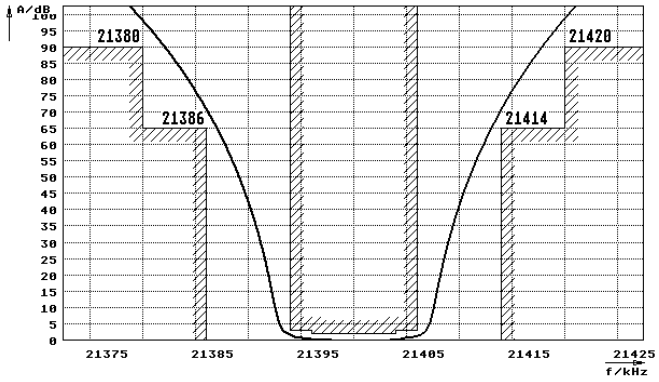
Operating temp. range	°C	-25... +70
Storage temp. range	°C	-45... +85
Environment conditions		according to CF001

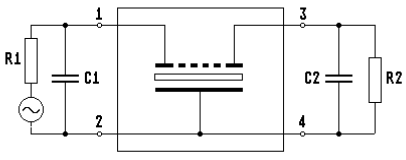
Characteristics MQF21.4-1200/14

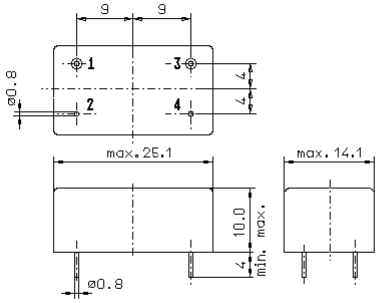
Pass band



Stop band







GM3

Pin connections:

1	Input
2	Ground
3	Output
4	Ground

RoHS compliant

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