Monolithic crystal filter
MQF21.4-2000/06

VECTRON INTERNATIONAL
A DOVER TECHNOLOGIES COMPANY

Application

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

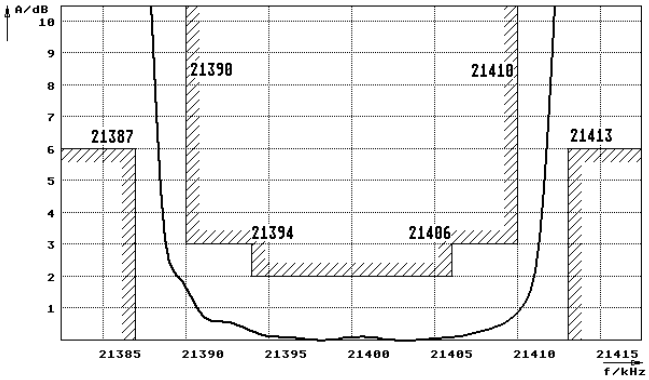
Limiting values		**Unit**	**Value**
Nominal frequency	fo	MHz	21.4
Centre frequency	fc	MHz	21.4 ± 800 Hz
Insertion loss		dB	< 4.0
Pass band at 3.0dB		kHz	±> 10
Ripple in pass band	fo ± 6 kHz	dB	< 2.0
Stop band attenuation	fo ± 13 kHz	dB	> 6
	fo ± 24 kHz	dB	> 70
	fo ± 30 kHz	dB	> 80
Alternate attenuation	fo ± 30...500 kHz	dB	> 80

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

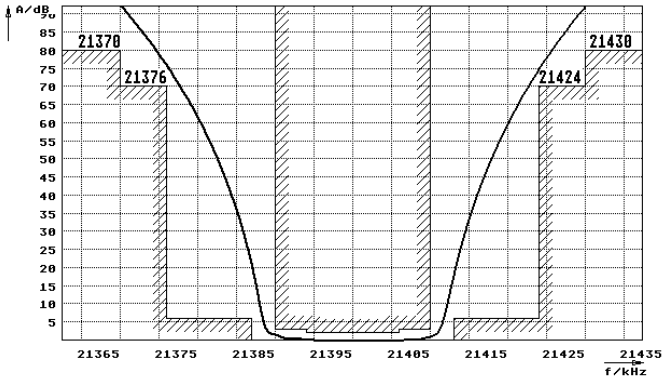
Operating temp. range	°C	-35... +75
Storage temp. range	°C	-45... +85
Environment conditions		according to CF001

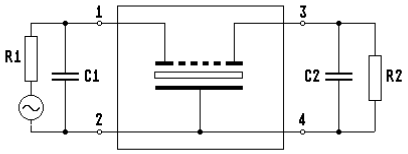
Characteristics MQF21.4-2000/06

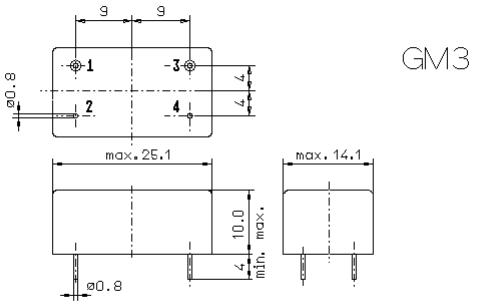
Pass band



Stop band







Pin connections:

1	Input
2	Ground-Input
3	Output
4	Ground-Output

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