



Cavity Band Pass Filter

BPFCR2224SMA

FEATURES

- Low Cost, High Quality
- Compact Size, Light Weight
- High Performance
- Wide Operation Temperature Range
- Octave and Multi-Octave Bands



APPLICATIONS

- Frequency selection
- Radar/EW system
- Air born application

ELECTRICAL SPECIFICATIONS @25C:

Parameter	Min	Typical	Max	Units
Frequency Range	2.2	2.4	2.4	GHz
Insertion Loss(pass Band Attenuation)		0.8		dB
Stop Band Attenuation		60		dB
Band Width @ 3dB		300		MHz
VSWR		1.3:1		Ratio
Rejection @ 1.575 GHz	≥50			dB
Rejection @ 1.227 GHz	≥50			dB
Rejection @ 4.25 GHz	≥50			dB
Rejection @ 4.237 GHz	≥50			dB
Rejection @ 4.262 GHz	≥50			dB
Group Delay Time			10	ns
Group Delay Time Flatness			5	ns
Power Handling(CW)			30	Watt



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MECHANICAL SPECIFICATIONS:

Parameter	Value	Limits	Units
Dimensions(L*W*H)	64.30*30.30*21	Max	Millimeter
Weight	80	Typ	gram
RF Connectors Input	SMA-F		
RF Connectors Output	SMA-F		
Impedance	50		Ohms

