



KA-Band Cavity Band Pass Filter

BPFCR1819GSMA

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 borne application

ELECTRICAL SPECIFICATIONS @25C:

RF Parameters	
Frequency Range	18 - 18.9 GHz
RF Connectors	50Ω SMA Female
Insertion Loss (dB)	3.0 Max.
VSWR	1.5:1 Max
Power Handling (W)	1W Max.
Rejection	≥30dB@17800MHz
Operating Temperature Range	-40 to +70°C

MECHANICAL SPECIFICATIONS:

Parameter	Value	Limits	Units
Dimensions(L*W*H)	80*14.5*9	Max	Millimeter
RF Connectors Input	SMA-F		
RF Connectors Output	SMA-F		
Impedance	50		Ohms



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