



BPF-100166

L-Band Bandpass Filter BPF-100166

Frequency: 950 - 2150 MHz

KEY SPECIFICATIONS

Band	L-Band
Center Frequency	1550 MHz
Frequency	950 - 2150 MHz, BW: 1200 MHz
Impedance	50 Ohms
Product Revision	A

RF SPECIFICATIONS

Attenuation Range	30 dB min @ DC - 850 MHz 30 dB min @ 2250 - 3500 MHz
Insertion Loss In Band	1.5 dB max @ 1550 MHz Center Frequency 3.0 dB max @ 950 - 2150 MHz
Return Loss Max	9 dB
Return Loss Typ	≥ 12 dB
Ripple	3.0 dB max

ELECTRICAL SPECIFICATIONS

Power Consumption	2 W (CW)
Power Requirements	+18 V DC @ 500 MA

INTERFACE SPECIFICATIONS

RF Input Connector	SMA Female
RF Output Connector	SMA Female

ENVIRONMENTAL SPECIFICATIONS

Application	Indoor
Barometric Pressure	55 KPa - 106 KPa
Humidity	5% to 95%
Operating Temperature	-55°C to +85°C
Storage Temperature	-60°C to +95°C

PHYSICAL SPECIFICATIONS

Product Length	0.070 m
Product Width	0.026 m
Product Height	0.016 m
Product Weight	0.4 kg



SHIPPING INFORMATION

HS Code	8517690000
Country of Origin	Made in China
Ex Works	Richmond, BC, Canada
ECCN Number	EAR99
Warranty	1 year
Unit Package Dimensions	-
Unit Package Weight	-
Total Aluminium Content	-
Aluminum Country of Smelt and Cast	-
Total Aluminium Value	-

MECHANICAL DIAGRAMS

