

## LOW PASS FILTER

## MFL-0000.5150.S1 DC-5150MHz (PASSBAND) 6000MHz-16000MHz (REJECTBAND)

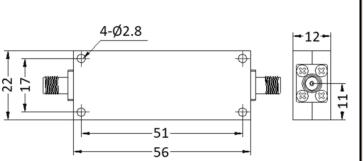


MVE's low-pass filter can cut the guard band and preserve the band which you need in the lower frequency. This type of filter is especially useful since the random errors involved in the raw position data obtained through reconstruction are characterized by relatively high frequency contents.

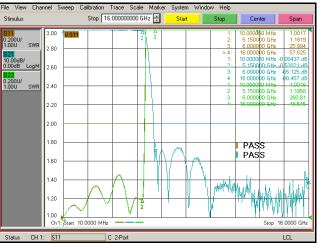
## **SPECIFICATIONS:**

Part NumberMFL-0000.5150.S1Pass BandDC-5150MHzPass Band Insertion Loss2.0dB MAX.Reject band6000MHz-16000MHzAttenuation≥50dBVSWR2.0:1 MAX.Power Handling≤15WStorage Temperature-55 to +85°C		
Pass Band Insertion Loss2.0dB MAX.Reject band6000MHz-16000MHzAttenuation≥50dBVSWR2.0:1 MAX.Power Handling≤15W	Part Number	MFL-0000.5150.S1
Reject band6000MHz-16000MHzAttenuation≥50dBVSWR2.0:1 MAX.Power Handling≤15W	Pass Band	DC-5150MHz
Attenuation ≥50dB VSWR 2.0:1 MAX. Power Handling ≤15W	Pass Band Insertion Loss	2.0dB MAX.
VSWR 2.0:1 MAX. Power Handling ≤15W	Reject band	6000MHz-16000MHz
Power Handling ≤15W	Attenuation	≥50dB
	VSWR	2.0:1 MAX.
Storage Temperature −55 to +85°C	Power Handling	≤15W
	Storage Temperature	-55 to +85°C
Connector Type SMA Female	Connector Type	SMA Female
Surface Finish Black Painting	Surface Finish	Black Painting

Tolerance:±0.5mm
Outline Drawing (Unit: mm)



## **Typical Test Result**



NOTES

1.ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME 2. CUSTOMER OUTLINE DRAWING FOR REFERENCE ONLY

RoHS

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