

MLBF1319D32

Band Pass Filter For 1300-1950Mhz



MECSINE 兆讯

Band Pass Filter

For 1300-1950MHz

MLBF1319D32

3.2 x 2.5mm [EIA 1210]

All Use For RF & Microwave

Shenzhen Megsine technology co., ltd www.megsine.com sales@megsine.com may contain us for future information
Feb. 03, 2024

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MiPD[®]

MEGSINE 兆讯

FEATURES

- 1, Low Insertion Loss
- 2, Small size in 3225
- 3, Excellent high-power capacity up to 5W
- 4, RoHS compliance (Pb-Free)
- 5, AEC-Q200 qualified

DESCRIPTION

The MLBF1319D32 is a low cost, high-performance band pass filter in an easy to use surface mount package. The MLBF1319D32 is ideal for low insertion loss and wide band application. It is suitable used in smart phone, 5G module and other IOT modules. It is based on Megsine's advanced MiPD Technology which possess excellent electrical and mechanical stability. All components are 100% RF tested.

MAXIMUM RATINGS

Parameter	Ratings	Units
RF Power (in BW)	5	W
Operating Temperature Range	-55~+105	°C
Storage Temperature Range	-55~+105	°C
Moisture Sensitivity Levels	3	MSL
ESD Level Human Body Model	3000	V

ELECTRICAL CHARACTERISTICS

Item	Frequency Range (MHz)	Min.	Typ.	Max.
Insertion Loss (dB)	1300 to 1950	-	1.9	2
Return Loss (dB)	1300 to 1950	15	20	-
Attenuation (dB)	DC to 900	50	60	-
	2600 to 6000	45	50	-
Characteristics Impedance (Ω)		50 (Nominal)		

- Ta: +25±5°C

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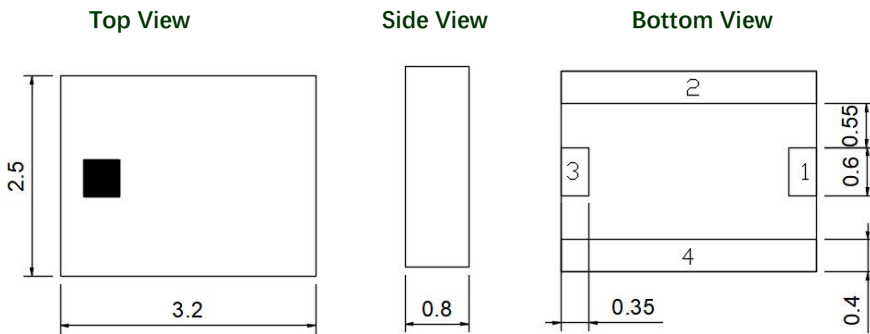
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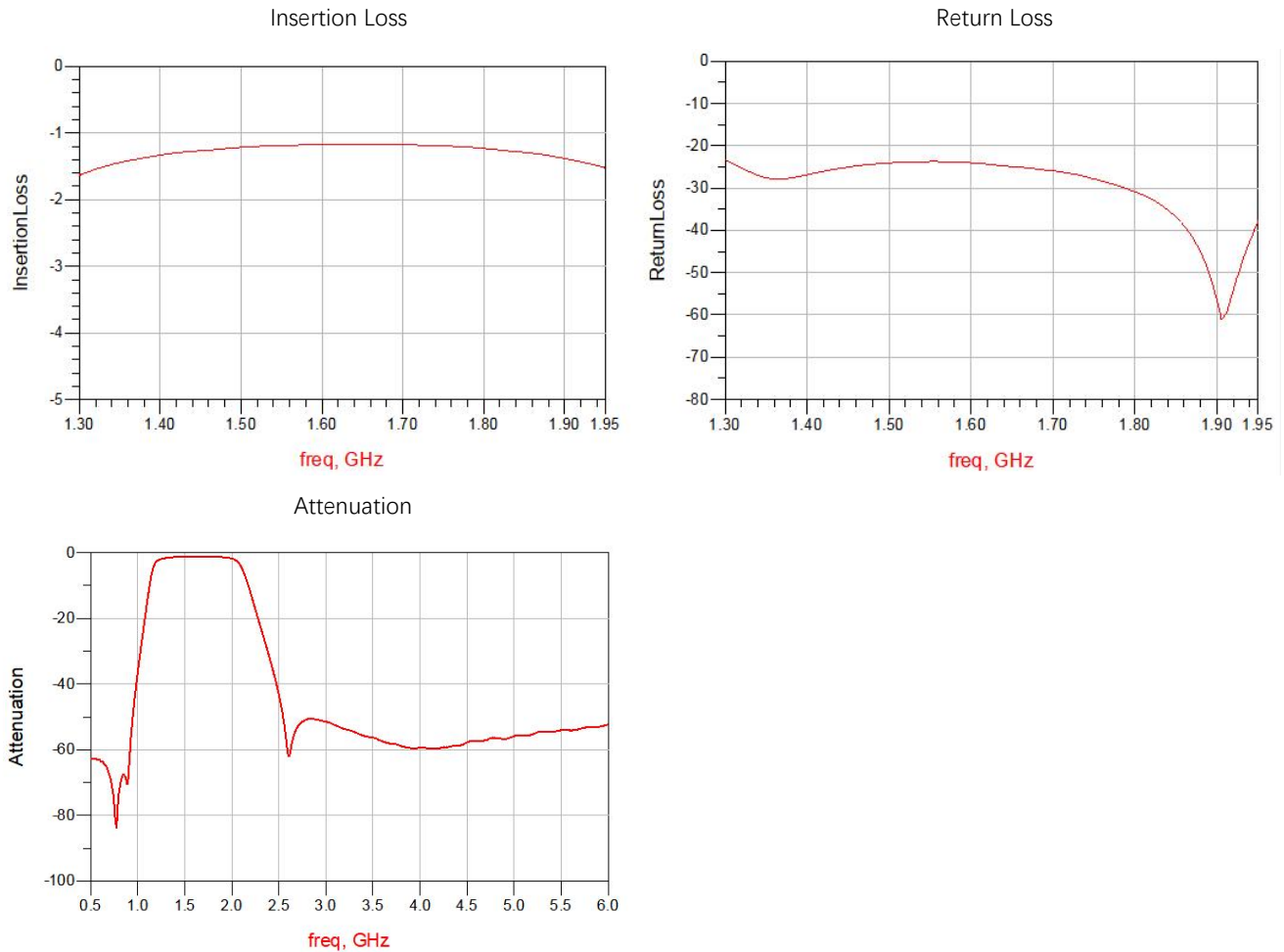
SHAPES AND DIMENSIONS



Terminal Functions

1	Input
2/4	GND
3	Output

FREQUENCY CHARACTERISTICS



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Device	Package	Reel	Shipping
MLBF1319D32	3.2*2.5mm	7"	4000 Reel

Revision	Description	Date
Rev0	Preliminary	2026/1/29
Rev1	Update	2026/03/12
Rev2	Update	2026/05/08
Rev3	Update	2026/05/09

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