

6.5 GHz Surface Mount Bandpass Filter



0.500x 0.250 x 0.095 in

12.7 x 6.35 x 2.41 mm

Max

3.5

TBD

TBD

TBD

TBD

B065NC5S

DESCRIPTION

SPECIFICATIONS*

One of DLI's surface mountable catalog bandpass filters designed for the 5G band. This filter utilizes DLI's low loss temperature stable materials which offer small size and minimal performance variation over temperature. The catalog BPF's are offered in a variety of frequency bands, which offers a drop in solution with highly repeatable performance. FEATURES • Small Size • Fully Shielded Component • Solder Surface Mount Package • Moisture Sensitivity Level: MSL1	Parameter	Frequency Range (GHz)	Min	Тур.
	Insertion Loss (dB)	6 - 7	TBD	3
	Return Loss (dB)		TBD	12
	Low Side Rejection (dB)	DC - 5.2	TBD	40
	High Side Rejection (dB)	7.75 - 15.0	TBD	40
	Input Power (W)			

Size (L x W x H)

- Frequency Stable over Temperature •
- Operating & Storage Temp: -55°C to +125°C .
- Characteristic Impedance: 50Ω

*Electrical specifications based on typical probed performance at room temperature. Insertion loss shall vary ±0.5dB over temperature.



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Typical Measured Performance



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Physical Dimensions





- 50Ω trace dimensions are application specific.
- Ensure adequate grounding beneath the part.



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