

**MLG1005S0N5BTD25 Information**


For Reference Only

**Part Number** [MLG1005S0N5BTD25](#)  
**Manufacturer** TDK Corporation  
**Category** Inductors, Coils, Chokes  
[Fixed Inductors](#)  
**Description** FIXED IND 0.5NH 1A 100 MOHM SMD  
**Package** 0402 (1005 Metric)  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)



Request a Quote

**Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.


**MLG1005S0N5BTD25 Specifications**

Manufacturer Part Number	<a href="#">MLG1005S0N5BTD25</a>
Manufacturer	TDK Corporation
Category	Inductors, Coils, Chokes <a href="#">Fixed Inductors</a>
Package	0402 (1005 Metric)
Series	MLG
Type	Multilayer
Material - Core	Non-Magnetic
Inductance	0.5nH
Tolerance	±0.1nH
Current Rating	1A
Current - Saturation	-
Shielding	Unshielded
DC Resistance (DCR)	100 mOhm Max
Q @ Freq	-
Frequency - Self Resonant	10GHz
Ratings	AEC-Q200
Operating Temperature	-55°C ~ 125°C
Frequency - Test	100MHz
Features	-
Mounting Type	Surface Mount
Package / Case	0402 (1005 Metric)
Supplier Device Package	0402 (1005 Metric)
Size / Dimension	0.039" L x 0.020" W (1.00mm x 0.50mm)

Height - Seated (Max)

0.022" (0.55mm)

[Report errors?](#)

## MLG1005S0N5BTD25 Guarantees



### Quality Guarantees

We provide 90 days warranty. \*

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



### Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

## MLG1005S0N5BTD25 Payment Methods



## MLG1005S0N5BTD25 Shipping Methods



If you have any question about MLG1005S0N5BTD25, please do not hesitate to contact us!

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