

**831531000 Information**


For Reference Only

**Part Number** [831531000](#)  
**Manufacturer** Wurth Elektronik iBE  
**Category** Inductors, Coils, Chokes  
[Fixed Inductors](#)  
**Description** FIXED IND 1UH 12A 8 MOHM SMD  
**Package** 2-SMD, J-Lead  
 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.


**831531000 Specifications**

Manufacturer Part Number	<a href="#">831531000</a>
Manufacturer	Wurth Elektronik iBE
Category	Inductors, Coils, Chokes <a href="#">Fixed Inductors</a>
Package	2-SMD, J-Lead
Series	WE-MASH-I
Type	Molded
Material - Core	-
Inductance	1μH
Tolerance	±20%
Current Rating	12A
Current - Saturation	18A
Shielding	Shielded
DC Resistance (DCR)	8 mOhm
Q @ Freq	-
Frequency - Self Resonant	-
Ratings	AEC-Q200
Operating Temperature	-40°C ~ 125°C
Frequency - Test	100kHz
Features	-
Mounting Type	Surface Mount
Package / Case	2-SMD, J-Lead
Supplier Device Package	-
Size / Dimension	0.276" L x 0.276" W (7.00mm x 7.00mm)

Height - Seated (Max)

-

[Report errors?](#)

## 831531000 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.

## 831531000 Payment Methods



## 831531000 Shipping Methods



If you have any question about 831531000, please do not hesitate to contact us!

Website: <https://www.heisener.com>

E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)