

**B82144B2682K000 Information**


For Reference Only

**Part Number** [B82144B2682K000](#)  
**Manufacturer** EPCOS (TDK)  
**Category** Inductors, Coils, Chokes  
[Fixed Inductors](#)  
**Description** FIXED IND 6.8UH 2.75A 95 MOHM TH  
**Package** Radial  
 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.


**B82144B2682K000 Specifications**

Manufacturer Part Number	<a href="#">B82144B2682K000</a>
Manufacturer	EPCOS (TDK)
Category	Inductors, Coils, Chokes <a href="#">Fixed Inductors</a>
Package	Radial
Series	LBC
Type	Wirewound
Material - Core	Ferrite
Inductance	6.8µH
Tolerance	±10%
Current Rating	2.75A
Current - Saturation	3.5A
Shielding	Unshielded
DC Resistance (DCR)	95 mOhm Max
Q @ Freq	50 @ 2.52MHz
Frequency - Self Resonant	40MHz
Ratings	-
Operating Temperature	-55°C ~ 125°C
Frequency - Test	1MHz
Features	-
Mounting Type	Through Hole
Package / Case	Radial
Supplier Device Package	-
Size / Dimension	0.256" Dia (6.50mm)

Height - Seated (Max)

0.551" (14.00mm)

[Report errors?](#)

## B82144B2682K000 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.

## B82144B2682K000 Payment Methods



## B82144B2682K000 Shipping Methods



If you have any question about B82144B2682K000, please do not hesitate to contact us!

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

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