

**B82412A1682K Information**


For Reference Only

**Part Number** [B82412A1682K](#)  
**Manufacturer** EPCOS (TDK)  
**Category** Inductors, Coils, Chokes  
[Fixed Inductors](#)  
**Description** FIXED IND 6.8UH 120MA 3.5 OHM  
**Package** 2-SMD  
 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.


**B82412A1682K Specifications**

Manufacturer Part Number	<a href="#">B82412A1682K</a>
Manufacturer	EPCOS (TDK)
Category	Inductors, Coils, Chokes <a href="#">Fixed Inductors</a>
Package	2-SMD
Series	SIMID
Type	Wirewound
Material - Core	Ferrite
Inductance	6.8μH
Tolerance	±10%
Current Rating	120mA
Current - Saturation	-
Shielding	Unshielded
DC Resistance (DCR)	3.5 Ohm Max
Q @ Freq	35 @ 7.96MHz
Frequency - Self Resonant	115MHz
Ratings	AEC-Q200
Operating Temperature	-55°C ~ 125°C
Frequency - Test	7.96MHz
Features	-
Mounting Type	Surface Mount
Package / Case	2-SMD
Supplier Device Package	1210 (3225 Metric)
Size / Dimension	0.126" L x 0.098" W (3.20mm x 2.50mm)

Height - Seated (Max)

0.075" (1.90mm)

[Report errors?](#)

## B82412A1682K 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.

## B82412A1682K Payment Methods



## B82412A1682K Shipping Methods



If you have any question about B82412A1682K, please do not hesitate to contact us!

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