

**B82442H1102K000 Information**


For Reference Only

**Part Number** [B82442H1102K000](#)  
**Manufacturer** EPCOS (TDK)  
**Category** Inductors, Coils, Chokes  
[Fixed Inductors](#)  
**Description** FIXED IND 1UH 2.5A 24 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.


**B82442H1102K000 Specifications**

|                           |   |
|---------------------------|---|
| Manufacturer Part Number  | <a href="#">B82442H1102K000</a>                             |
| Manufacturer              | EPCOS (TDK)   |
| Category                  | Inductors, Coils, Chokes<br><a href="#">Fixed Inductors</a> |
| Package                   | 2-SMD, J-Lead   |
| Series                    | SIMID   |
| Type                      | Wirewound   |
| Material - Core           | Ferrite   |
| Inductance                | 1µH   |
| Tolerance                 | ±10%  |
| Current Rating            | 2.5A  |
| Current - Saturation      | -   |
| Shielding                 | Unshielded  |
| DC Resistance (DCR)       | 24 mOhm Max   |
| Q @ Freq                  | 10 @ 7.96MHz  |
| Frequency - Self Resonant | 95MHz   |
| Ratings                   | AEC-Q200  |
| Operating Temperature     | -55°C ~ 150°C   |
| Frequency - Test          | 7.96MHz   |
| Features                  | -   |
| Mounting Type             | Surface Mount   |
| Package / Case            | 2-SMD, J-Lead   |
| Supplier Device Package   | -   |
| Size / Dimension          | 0.220" L x 0.197" W (5.60mm x 5.00mm)                       |

Height - Seated (Max)

0.209" (5.30mm)

[Report errors?](#)

## B82442H1102K000 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.

## B82442H1102K000 Payment Methods



## B82442H1102K000 Shipping Methods



If you have any question about B82442H1102K000, please do not hesitate to contact us!

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