

**MHQ1005P12NGTD25 Information**


For Reference Only

**Part Number** [MHQ1005P12NGTD25](#)  
**Manufacturer** TDK Corporation  
**Category** Inductors, Coils, Chokes  
[Fixed Inductors](#)  
**Description** FIXED IND 12NH 450MA 240 MOHM  
**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.


**MHQ1005P12NGTD25 Specifications**

|                           |                                                             |
|---------------------------|-------------------------------------------------------------|
| Manufacturer Part Number  | <a href="#">MHQ1005P12NGTD25</a>                            |
| Manufacturer              | TDK Corporation                                             |
| Category                  | Inductors, Coils, Chokes<br><a href="#">Fixed Inductors</a> |
| Package                   | 0402 (1005 Metric)                                          |
| Series                    | MHQ-P                                                       |
| Type                      | Multilayer                                                  |
| Material - Core           | Non-Magnetic                                                |
| Inductance                | 12nH                                                        |
| Tolerance                 | ±2%                                                         |
| Current Rating            | 450mA                                                       |
| Current - Saturation      | -                                                           |
| Shielding                 | Unshielded                                                  |
| DC Resistance (DCR)       | 240 mOhm Max                                                |
| Q @ Freq                  | 23 @ 250MHz                                                 |
| Frequency - Self Resonant | 2.8GHz                                                      |
| 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 0.024" W (1.00mm x 0.60mm)                       |

Height - Seated (Max)

0.024" (0.60mm)

[Report errors?](#)

## MHQ1005P12NGTD25 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.

## MHQ1005P12NGTD25 Payment Methods



## MHQ1005P12NGTD25 Shipping Methods



If you have any question about MHQ1005P12NGTD25, please do not hesitate to contact us!

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