

**MLF1005GR47KT000 Information**


For Reference Only

**Part Number** [MLF1005GR47KT000](#)  
**Manufacturer** TDK Corporation  
**Category** Inductors, Coils, Chokes  
[Fixed Inductors](#)  
**Description** FIXED IND 470NH 50MA 420 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.


**MLF1005GR47KT000 Specifications**

|                           |   |
|---------------------------|---|
| Manufacturer Part Number  | <a href="#">MLF1005GR47KT000</a>                            |
| Manufacturer              | TDK Corporation   |
| Category                  | Inductors, Coils, Chokes<br><a href="#">Fixed Inductors</a> |
| Package                   | 0402 (1005 Metric)  |
| Series                    | MLF   |
| Type                      | Multilayer  |
| Material - Core           | Ferrite   |
| Inductance                | 470nH   |
| Tolerance                 | ±10%  |
| Current Rating            | 50mA  |
| Current - Saturation      | -   |
| Shielding                 | Unshielded  |
| DC Resistance (DCR)       | 420 mOhm Max  |
| Q @ Freq                  | 30 @ 10MHz  |
| Frequency - Self Resonant | 190MHz  |
| Ratings                   | -   |
| Operating Temperature     | -40°C ~ 85°C  |
| Frequency - Test          | 10MHz   |
| Features                  | -   |
| Mounting Type             | Surface Mount   |
| Package / Case            | 0402 (1005 Metric)  |
| Supplier Device Package   | 0402 (1005 Metric)  |
| Size / Dimension          | 0.039" L x 0.020" W (1.00mm x 0.50mm)                       |

Height - Seated (Max)

0.022" (0.55mm)

[Report errors?](#)

## MLF1005GR47KT000 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.

## MLF1005GR47KT000 Payment Methods



## MLF1005GR47KT000 Shipping Methods



If you have any question about MLF1005GR47KT000, please do not hesitate to contact us!

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