

**MLF1005GR82KT Information**


For Reference Only

**Part Number** [MLF1005GR82KT](#)  
**Manufacturer** TDK Corporation  
**Category** Inductors, Coils, Chokes  
[Fixed Inductors](#)  
**Description** FIXED IND 820NH 40MA 590 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.


**MLF1005GR82KT Specifications**

Manufacturer Part Number	<a href="#">MLF1005GR82KT</a>
Manufacturer	TDK Corporation
Category	Inductors, Coils, Chokes <a href="#">Fixed Inductors</a>
Package	0402 (1005 Metric)
Series	MLF
Type	Multilayer
Material - Core	Ferrite
Inductance	820nH
Tolerance	±10%
Current Rating	40mA
Current - Saturation	-
Shielding	Shielded
DC Resistance (DCR)	590 mOhm Max
Q @ Freq	30 @ 10MHz
Frequency - Self Resonant	130MHz
Ratings	-
Operating Temperature	-55°C ~ 125°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?](#)

## MLF1005GR82KT 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.

## MLF1005GR82KT Payment Methods



## MLF1005GR82KT Shipping Methods



If you have any question about MLF1005GR82KT, please do not hesitate to contact us!

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