

**IMC1812RQ270K Information**


For Reference Only

**Part Number** [IMC1812RQ270K](#)  
**Manufacturer** Vishay Dale  
**Category** Inductors, Coils, Chokes  
[Fixed Inductors](#)  
**Description** FIXED IND 27UH 170MA 3.6 OHM SMD  
**Package** 1812 (4532 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.


**IMC1812RQ270K Specifications**

|                           |   |
|---------------------------|---|
| Manufacturer Part Number  | <a href="#">IMC1812RQ270K</a>                               |
| Manufacturer              | Vishay Dale   |
| Category                  | Inductors, Coils, Chokes<br><a href="#">Fixed Inductors</a> |
| Package                   | 1812 (4532 Metric)  |
| Series                    | IMC-1812  |
| Type                      | Wirewound   |
| Material - Core           | Powdered Iron   |
| Inductance                | 27µH  |
| Tolerance                 | ±10%  |
| Current Rating            | 170mA   |
| Current - Saturation      | -   |
| Shielding                 | Unshielded  |
| DC Resistance (DCR)       | 3.6 Ohm Max   |
| Q @ Freq                  | 50 @ 2.52MHz  |
| Frequency - Self Resonant | 12MHz   |
| Ratings                   | -   |
| Operating Temperature     | -55°C ~ 125°C   |
| Frequency - Test          | 2.52MHz   |
| Features                  | -   |
| Mounting Type             | Surface Mount   |
| Package / Case            | 1812 (4532 Metric)  |
| Supplier Device Package   | 1812  |
| Size / Dimension          | 0.177" L x 0.126" W (4.50mm x 3.20mm)                       |

Height - Seated (Max)

0.134" (3.40mm)

[Report errors?](#)

## IMC1812RQ270K 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.

## IMC1812RQ270K Payment Methods



## IMC1812RQ270K Shipping Methods



If you have any question about IMC1812RQ270K, please do not hesitate to contact us!

Website: <https://www.heisener.com>

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