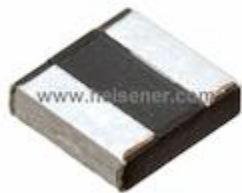


**0412CDMCDS-1R0MC Information**


For Reference Only

**Part Number** [0412CDMCDS-1R0MC](#)  
**Manufacturer** Sumida America Components Inc.  
**Category** Inductors, Coils, Chokes  
[Fixed Inductors](#)  
**Description** FIXED IND 1UH 4.5A 40 MOHM SMD  
**Package** Nonstandard  
 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.


**0412CDMCDS-1R0MC Specifications**

|                           |   |
|---------------------------|---|
| Manufacturer Part Number  | <a href="#">0412CDMCDS-1R0MC</a>                            |
| Manufacturer              | Sumida America Components Inc.                              |
| Category                  | Inductors, Coils, Chokes<br><a href="#">Fixed Inductors</a> |
| Package                   | Nonstandard   |
| Series                    | 0412CDMC/DS   |
| Type                      | Wirewound   |
| Material - Core           | -   |
| Inductance                | 1µH   |
| Tolerance                 | ±20%  |
| Current Rating            | 2.8A  |
| Current - Saturation      | 6.2A  |
| Shielding                 | Shielded  |
| DC Resistance (DCR)       | 40 mOhm   |
| Q @ Freq                  | -   |
| Frequency - Self Resonant | -   |
| Ratings                   | -   |
| Operating Temperature     | -40°C ~ 105°C   |
| Frequency - Test          | 100kHz  |
| Features                  | -   |
| Mounting Type             | Surface Mount   |
| Package / Case            | Nonstandard   |
| Supplier Device Package   | -   |
| Size / Dimension          | 0.177" L x 0.161" W (4.50mm x 4.10mm)                       |

Height - Seated (Max)

0.047" (1.20mm)

[Report errors?](#)

## 0412CDMCDS-1R0MC 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.

## 0412CDMCDS-1R0MC Payment Methods



## 0412CDMCDS-1R0MC Shipping Methods



If you have any question about 0412CDMCDS-1R0MC, please do not hesitate to contact us!

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

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