

# LQW18AN6N5C80D

## LQW18AN6N5C80D Information



| Part Number  | LQW18AN6N5C80D   |
|--------------|--|
| Manufacturer | Murata   |
| Category     | Inductors, Coils, Chokes<br>Fixed Inductors  |
| Description  | FIXED IND 6.5NH 1.9A 40 MOHM SMD   |
| Package      | 0603 (1608 Metric)   |
|              | For the pricing/inventory/lead time, please contact<br>us<br>Website: https://www.heisener.com<br>E-mail: salesdept@heisener.com |



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#### For Reference Only

#### **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.

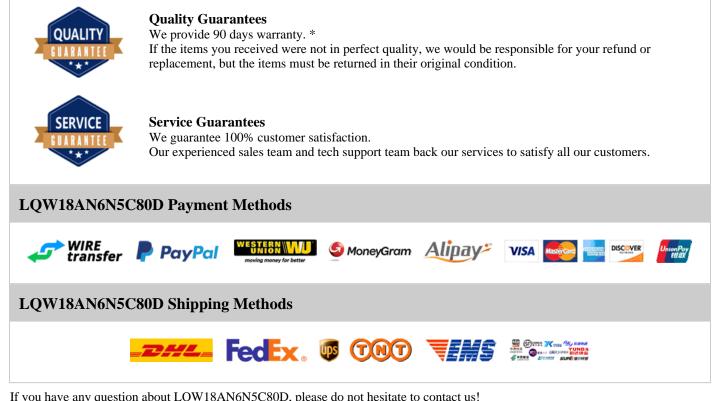


### LQW18AN6N5C80D Specifications

| Manufacturer Part Number  | LQW18AN6N5C80D                        |
|---------------------------|---------------------------------------|
| Manufacturer              | Murata                                |
| Category                  | Inductors, Coils, Chokes              |
|                           | Fixed Inductors                       |
| Package                   | 0603 (1608 Metric)                    |
| Series                    | LQW18                                 |
| Туре                      | Wirewound                             |
| Material - Core           | Ferrite                               |
| Inductance                | 6.5nH                                 |
| Tolerance                 | ±0.2nH                                |
| Current Rating            | 1.9A                                  |
| Current - Saturation      | -                                     |
| Shielding                 | Unshielded                            |
| DC Resistance (DCR)       | 40 mOhm Max                           |
| Q @ Freq                  | 40 @ 250MHz                           |
| Frequency - Self Resonant | 6.65GHz                               |
| Ratings                   | -                                     |
| Operating Temperature     | -55°C ~ 125°C                         |
| Frequency - Test          | 100MHz                                |
| Features                  | -                                     |
| Mounting Type             | Surface Mount                         |
| Package / Case            | 0603 (1608 Metric)                    |
| Supplier Device Package   | 0603 (1608 Metric)                    |
| Size / Dimension          | 0.063" L x 0.031" W (1.60mm x 0.80mm) |
|                           |                                       |

0.039" (1.00mm)

#### LQW18AN6N5C80D Guarantees



If you have any question about LQW18AN6N5C80D, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com