



Image may be representation.  
See specifications for product details.



## IFSC1515AHER100M01

|                          |  |
|--------------------------|--|
| Manufacturer Part Number | <b>IFSC1515AHER100M01</b>                                  |
| Manufacturer             | <b>Dale / Vishay</b>                                       |
| Allelco Part Number      | 32D-IFSC1515AHER100M01                                     |
| ECAD Model               | PCB Symbol, Footprint & 3D Model                           |
| Parts Description        | <b>FIXED IND 10UH 1.3A 170 MOHM SMD</b>                    |
| Package                  | <b>Nonstandard</b>   |
| Data sheet               | <b><a href="#">IFSC-1515AH-01 Series Datasheet.pdf</a></b> |
| RoHs Status              | <b>ROHS3 Compliant</b>                                     |

**Get a Quote**

IFSC1515AHER100M01 - Vishay Dale. New Original in Stock. Download Linear Technology IFSC1515AHER100M01 datasheet/specifications on AllelcoElec.com. Request a quote for IFSC1515AHER100M01, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

IFSC1515AHER100M01 Tech Specifications

IFSC1515AHER100M01 - Vishay Dale technical specifications, attributes, parameters

| Product Attribute       | Attribute Value                       | Product Attribute           | Attribute Value |
|-------------------------|---------------------------------------|-----------------------------|-----------------|
| Manufacturer            | Dale / Vishay                         | Operating Temperature       | -55°C ~ 125°C   |
| Type                    | -                                     | Mounting Type               | Surface Mount   |
| Tolerance               | ±20%                                  | Material - Core             | -               |
| Supplier Device Package | -                                     | Inductance Frequency - Test | 100 kHz         |
| Size / Dimension        | 0.157" L x 0.157" W (4.00mm x 4.00mm) | Inductance                  | 10 µH           |
| Shielding               | Shielded                              | Height - Seated (Max)       | 0.075" (1.90mm) |
| Series                  | IFSC-1515AH-01                        | Frequency - Self Resonant   | -               |
| Ratings                 | -                                     | DC Resistance (DCR)         | 170mOhm Max     |
| Q @ Freq                | -                                     | Current Rating (Amps)       | 1.3 A           |
| Package / Case          | Nonstandard                           | Current - Saturation (Isat) | 1.3A            |
| Package                 | Tape & Reel (TR)                      |                             |                 |

### Parts with Similar Specifications

The three parts on the right have similar specifications to Vishay Dale IFSC1515AHER100M01

| Product Attribute           |                                       |                                       |                                       |                                       |
|-----------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|
| Part Number                 | IFSC1515AHER100M01                    | <b>IFSC1111AZER470M01</b>             | <b>IFSC1008ABER100M01</b>             | <b>IFSC1008ABER1R0M01</b>             |
| Manufacturer                | Vishay Dale                           | Vishay Dale                           | Vishay Dale                           | Vishay Dale                           |
| Material - Core             | -                                     | -                                     | -                                     | -                                     |
| Height - Seated (Max)       | 0.075" (1.90mm)                       | 0.039" (1.00mm)                       | 0.047" (1.20mm)                       | 0.047" (1.20mm)                       |
| Frequency - Self Resonant   | -                                     | -                                     | -                                     | -                                     |
| Operating Temperature       | -55°C ~ 125°C                         | -55°C ~ 125°C                         | -55°C ~ 125°C                         | -55°C ~ 125°C                         |
| Inductance                  | 10 µH                                 | 47 µH                                 | 10 µH                                 | 1 µH                                  |
| Inductance Frequency - Test | 100 kHz                               | 100 kHz                               | 100 kHz                               | 100 kHz                               |
| Q @ Freq                    | -                                     | -                                     | -                                     | -                                     |
| Current - Saturation (Isat) | 1.3A                                  | 235mA                                 | 800mA                                 | 2.5A                                  |
| Ratings                     | -                                     | -                                     | -                                     | -                                     |
| Series                      | IFSC-1515AH-01                        | IFSC-1111AZ                           | IFSC-1008AB                           | IFSC-1008AB                           |
| Supplier Device Package     | -                                     | -                                     | -                                     | -                                     |
| Package                     | Tape & Reel (TR)                      | Tape & Reel (TR)                      | Tape & Reel (TR)                      | Tape & Reel (TR)                      |
| DC Resistance (DCR)         | 170mOhm Max                           | 2.050hm Max                           | 409mOhm Max                           | 43mOhm Max                            |
| Mounting Type               | Surface Mount                         | Surface Mount                         | Surface Mount                         | Surface Mount                         |
| Tolerance                   | ±20%                                  | ±20%                                  | ±20%                                  | ±20%                                  |
| Type                        | -                                     | -                                     | -                                     | -                                     |
| Shielding                   | Shielded                              | Shielded                              | Shielded                              | Shielded                              |
| Package / Case              | Nonstandard                           | Nonstandard                           | Nonstandard                           | Nonstandard                           |
| Size / Dimension            | 0.157" L x 0.157" W (4.00mm x 4.00mm) | 0.117" L x 0.117" W (3.00mm x 3.00mm) | 0.098" L x 0.079" W (2.50mm x 2.00mm) | 0.098" L x 0.079" W (2.50mm x 2.00mm) |
| Current Rating (Amps)       | 1.3 A                                 | 350 mA                                | 810 mA                                | 2.4 A                                 |

### IFSC1515AHER100M01 Datasheet PDF

Download IFSC1515AHER100M01 pdf datasheets and Vishay Dale documentation for IFSC1515AHER100M01 - Vishay Dale.

### PCN Design/Specification

[IFSC-1515AH-01 Series 18/Sep/2015.pdf](#)

### HTML Datasheet

[IFSC-1515AH-01 Series Datasheet.pdf](#)

## Customers Also Interested in

### Recommended Products

|   |   |   |  |   |   |
|---|---|---|--|---|---|
| <br>NO PICTURE |  |  |  |      |      |
| <b>IFS75B12N3E4-B31</b><br>INFENON<br>IGBT Module   | <b>IFSC1111AZER470M01</b><br>Vishay Dale<br>FIXED IND 47UH 350MA 2.05OHM SMD      | <b>IFSC1008ABER100M01</b><br>Vishay Dale<br>FIXED IND 10UH 750MA 410MOHM SMD      | <b>IFSC1515AHER101M01</b><br>Electro-Films (EFI) / Vishay                          | <b>IFSC1008ABER1R0M01</b><br>Vishay Dale<br>FIXED IND 1UH 2.6A 43 MOHM SMD              | <b>IFS75B12N3E4_B32</b><br>Cypress Semiconductor (Infineon Technologies)<br>IGBT Module |
|                |  |  |  |      |      |
| <b>IFSC1111AZER100M01</b><br>Vishay Dale<br>FIXED IND 10UH 800MA 340MOHM SMD                    | <b>IFSC1515AHER4R7M01</b><br>Vishay Dale<br>FIXED IND 4.7UH 2.2A 90 MOHM SMD      | <b>IFSC1515AHER3R3M01</b><br>Vishay Dale<br>FIXED IND 3.3UH 2.7A 56 MOHM SMD      | <b>IFSC1111AZER220M01</b><br>Vishay Dale<br>FIXED IND 22UH 500MA 750MOHM SMD       | <b>IFS75B12N3E4_B31</b><br>Cypress Semiconductor (Infineon Technologies)<br>IGBT Module | <b>IFSC1008ABER220M01</b><br>Vishay Dale<br>FIXED IND 22UH 500MA 1.05OHM SMD            |
|                |  |  |  |      |      |
| <b>IFSC1515AHER150M01</b><br>Vishay Dale<br>FIXED IND 15UH 1.25A 222MOHM SMD                    | <b>IFSC1515AHER1R0M01</b><br>Vishay Dale<br>FIXED IND 1UH 3.8A 25 MOHM SMD        | <b>IFSC1008ABER2R2M01</b><br>Vishay Dale<br>FIXED IND 2.2UH 1.85A 90MOHM SMD      | <b>IFSC1111ABER6R8M01</b><br>Vishay Dale<br>FIXED IND 6.8UH 1.2A 228MOHM SMD       | <b>IFSC1515AHER8R2M01</b><br>Vishay Dale<br>FIXED IND 8.2UH 1.4A 132MOHM SMD            | <b>IFS150V12PT4</b><br>Cypress Semiconductor (Infineon Technologies)<br>IGBT Module     |

## Shipment

### Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Alleco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

### Delivery Cost

- > Use your express account for shipment if you have one.
  - > Use our account for the shipment. Refer to the table below for the approximate charges.
- (Different time frame / countries / package size has different price.)

### Delivery Method

- > Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.
- > Others more shipping ways, please get in touch with your customer manager.

| Common Countries Logistic Time Reference |                |                    |
|--|----------------|--------------------|
| Region                                   | Country        | Logistic Time(Day) |
| America                                  | United States  | 5                  |
|  | Brazil         | 7                  |
| Europe                                   | Germany        | 5                  |
|  | United Kingdom | 4                  |
|  | Italy          | 5                  |
| Oceania                                  | Australia      | 6                  |
|  | New Zealand    | 7                  |
| Asia                                     | India          | 6                  |
|  | Japan          | 7                  |
| Middle East                              | Israel         | 6                  |

| DHL & FedEx Shipment Charges Reference |                      |
|--|----------------------|
| Shipment charges(KG)                   | Reference DHL(USD\$) |
| 0.00kg-1.00kg                          | USD\$60.00           |
| 1.00kg-2.00kg                          | USD\$70.00           |
| 2.00kg-3.00kg                          | USD\$80.00           |

Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.  
Contact us if you have any questions.

### Payment Support

The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



### Your Faithful Supply Chain Partner -



Contact us if you have any questions.



### Certifications & Memberships



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