

# Specifications



Photo is representative



## Eaton FP1107R1-R51-R

Eaton FP1107 inductor, 0.51  $\mu$ H, 55 A Irms, 18 A ISAT, 0.31 m $\Omega$  resistance, SMT mounting, Ferrite, 2-pins, 640 qty.

### General specifications

|                      |                       |
|----------------------|-----------------------|
| PRODUCT NAME         | Eaton FP1107 inductor |
| CATALOG NUMBER       | FP1107R1-R51-R        |
| UPC                  | 051712544535          |
| PRODUCT LENGTH/DEPTH | 11 mm                 |
| PRODUCT HEIGHT       | 7.5 mm                |
| PRODUCT WIDTH        | 7.2 mm                |
| PRODUCT WEIGHT       | 2.5 g                 |
| COMPLIANCES          | RoHS Compliant        |
| PRODUCT TYPE         | Inductor              |

## Product specifications

|                       |               |
|-----------------------|---------------|
| TYPE                  | Inductor      |
| MOUNTING              | SMT           |
| IRMS                  | 55 A          |
| ISAT                  | 18 A          |
| PACKAGE QUANTITY      | 640           |
| MATERIAL              | Ferrite       |
| FREQUENCY RATING      | Up to 2 MHz   |
| CONTACT CONFIGURATION | Two-pin       |
| TEMPERATURE RATING    | -40 to 125 °C |
| RESISTANCE            | 0.31 mΩ       |
| SERIES                | FP1107        |

## Resources

### SPECIFICATIONS AND DATASHEETS

[Eaton FP1107 high current power inductors data sheet](#)

[Eaton Specification Sheet - FP1107R1-R51-R](#)

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATE:



**Eaton Corporation plc** Eaton House  
30 Pembroke Road  
Dublin 4, Ireland  
Eaton.com

© 2026 Eaton. All Rights Reserved.

Follow us on social media to get the latest product and support information.

