# Specifications



**Photo is representative**

## Eaton HCM1A1307V2-1R2-R

Eaton HCM1A1307V2 Molded Power Inductor, 1.2uH, 30.0A, 2 PADS, SMT

### General specifications

| | |
|---|---|
| **PRODUCT NAME** | Eaton HCM1A1307V2 inductor |
| **CATALOG NUMBER** | HCM1A1307V2-1R2-R |
| **UPC** | 051712002875 |
| **PRODUCT LENGTH/DEPTH** | 13.45 mm |
| **PRODUCT HEIGHT** | 6.5 mm |
| **PRODUCT WIDTH** | 12.6 mm |
| **PRODUCT WEIGHT** | 5.52 g |
| **COMPLIANCES** | RoHS Compliant |
| **PRODUCT TYPE** | Inductor |

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## Product specifications

| | |
|---|---|
| **TYPE** | Inductor |
| **MOUNTING** | SMT |
| **IRMS** | 22.5 A |
| **ISAT** | 30 A |
| **PACKAGE QUANTITY** | 250 |
| **MATERIAL** | Alloy powder |
| **AUTOMOTIVE GRADE** | Yes |
| **FREQUENCY RATING** | Up to 1 MHz |
| **CONTACT CONFIGURATION** | Two-pin |
| **TEMPERATURE RATING** | -55 to 155 °C |
| **RESISTANCE** | 2.1 mΩ |
| **SIZE** | 13.8x12.9x7.0 mm |
| **TERMINALS** | 2 Pins |
| **SERIES** | HCM1A1307V2 |

## Resources

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|---|---|
| **SPECIFICATIONS AND DATASHEETS** | Eaton HCM1A1307V2 automotive power inductor data sheet<br><br>Eaton Specification Sheet - HCM1A1307V2-1R2-R |

| | |
|---|---|
| **PROJECT NAME:** | |
| **PROJECT NUMBER:** | |
| **PREPARED BY:** | |
| **DATE:** | |

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