

# Specifications



Photo is representative



## Eaton HCM1A0503-R33-R

Eaton HCM1A0503 inductor, 0.33 uH,, 16.0 A, 2 PADS,, SMT

### General specifications

<b>PRODUCT NAME</b>	Eaton HCM1A0503 inductor
<b>CATALOG NUMBER</b>	HCM1A0503-R33-R
<b>UPC</b>	051712545877
<b>PRODUCT LENGTH/DEPTH</b>	5.5 mm
<b>PRODUCT HEIGHT</b>	3 mm
<b>PRODUCT WIDTH</b>	5.3 mm
<b>PRODUCT WEIGHT</b>	0.39 g
<b>COMPLIANCES</b>	RoHS Compliant

## Product specifications

<b>TYPE</b>	Inductor
<b>MOUNTING</b>	SMT
<b>IRMS</b>	11.8 A
<b>ISAT</b>	16 A
<b>PACKAGE QUANTITY</b>	2000
<b>MATERIAL</b>	Alloy powder
<b>AUTOMOTIVE GRADE</b>	Yes
<b>FREQUENCY RATING</b>	Up to 1 MHz
<b>CONTACT CONFIGURATION</b>	Two-pin
<b>TEMPERATURE RATING</b>	-55 to 155 °C
<b>RESISTANCE</b>	4.3 mΩ
<b>SIZE</b>	5.5x5.3x3.0 mm
<b>TERMINALS</b>	2 Pads
<b>SERIES</b>	HCM1A0503

## Resources

### SPECIFICATIONS AND DATASHEETS

[Eaton Specification Sheet - HCM1A0503-R33-R](#)  
[Eaton HCM1A0503 automotive power inductors data sheet](#)

**PROJECT NAME:**

**PROJECT NUMBER:**

**PREPARED BY:**

**DATE:**



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

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