

Specifications



Photo is representative



Eaton HCMA0503-R47-R

Eaton HCMA0503 inductor, 0.47 uH, 12 A Irms, 11.5 A ISAT, 7.15 mΩ resistance, SMT mounting, Iron Powder, 2-pins, 2000 qty.

General specifications

PRODUCT NAME	Eaton HCMA0503 inductor
CATALOG NUMBER	HCMA0503-R47-R
UPC	051712495912
PRODUCT LENGTH/DEPTH	5.5 mm
PRODUCT HEIGHT	3 mm
PRODUCT WIDTH	5.3 mm
PRODUCT WEIGHT	0.41 g
COMPLIANCES	RoHS Compliant

Product specifications

TYPE	Inductor
MOUNTING	SMT
IRMS	12 A
ISAT	11.5 A
PACKAGE QUANTITY	2000
MATERIAL	Iron powder
AUTOMOTIVE GRADE	Yes
FREQUENCY RATING	Up to 1 MHz
CONTACT CONFIGURATION	Two-pin
TEMPERATURE RATING	-55 to 125 °C
RESISTANCE	7.15 mΩ
SIZE	5.5x5.3x3.0 mm
TERMINALS	2 Pads
SERIES	HCMA0503

Resources

SPECIFICATIONS AND DATASHEETS

[Eaton HCMA0503 automotive high current power inductors data sheet](#)

[Eaton Specification Sheet - HCMA0503-R47-R](#)

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATE:



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