Specifications



Photo is representative





Eaton HCM1A0503-R68-R

Eaton HCM1A0503 inductor, 0.68 uH,, 10.2 A, 2 PADS,, SMT

General specifications

PRODUCT NAME	Eaton HCM1A0503 inductor
CATALOG NUMBER	HCM1A0503-R68-R
UPC	051712545907
PRODUCT LENGTH/DEPTH	5.5 mm
PRODUCT HEIGHT	3 mm
PRODUCT WIDTH	5.3 mm
PRODUCT WEIGHT	0.39 g
COMPLIANCES	RoHS Compliant
PRODUCT TYPE	Inductor

Powering Business Worldwide

Downloaded from Arrow.com.

Product specifications

TYPE	Inductor
MOUNTING	SMT
IRMS	8 A
ISAT	12 A
PACKAGE QUANTITY	2000
MATERIAL	Alloy powder
AUTOMOTIVE GRADE	Yes
FREQUENCY RATING	Up to 1 MHz
CONTACT CONFIGURATION	Two-pin
TEMPERATURE RATING	-55 to 155 °C
RESISTANCE	9.1 mΩ
SIZE	5.5x5.3x3.0 mm
TERMINALS	2 Pads
SERIES	HCM1A0503

Resources

SPECIFICATIONS AND DATASHEETS	Eaton HCM1A0503 automotive power inductors data sheet Eaton Specification Sheet - HCM1A0503-R68-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.

Downloaded from Arrow.com.