Specifications



Photo is representative





Eaton MPIA4012V2-R47-R

Eaton MPIA40-V2 inductor, 0.47 uH, 5.6 A Irms, 6.8 A ISAT, 23 mΩ resistance, SMT mounting, Iron Powder, 2-pins, 3000 qty.

General specifications	
PRODUCT NAME	Eaton MPIA inductor
CATALOG NUMBER	MPIA4012V2-R47-R
UPC	051712689014
PRODUCT LENGTH/DEPTH	4.4 mm
PRODUCT HEIGHT	1 mm
PRODUCT WIDTH	4.2 mm
PRODUCT WEIGHT	0.11 g
COMPLIANCES	RoHS Compliant
PRODUCT TYPE	Inductor

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Product specifications

TYPE	Inductor
MOUNTING	SMT
IRMS	5.6 A
ISAT	6.8 A
PACKAGE QUANTITY	3000
MATERIAL	Iron powder
AUTOMOTIVE GRADE	Yes
FREQUENCY RATING	Greater than 9.5MHz
CONTACT CONFIGURATION	Two-pin
TEMPERATURE RATING	-55 to 125 °C
RESISTANCE	23 mΩ
SIZE	4.75x4.45x1.2mm
TERMINALS	2 Pads
INDUCTANCE	0.47 µH
SELF RESONANT FREQUENCY	103.6 Mega Hertz
FRAME SIZE	4.75x4.45x1.2mm
SERIES	MPIA40-V2

Resources

SPECIFICATIONS AND DATASHEETS	Eaton Specification Sheet - MPIA4012V2-R47-R Eaton MPIA40-V2 automotive miniature power inductors data sheet

PROJECT NAME:	
PROJECT NUMBER:	
PREPARED BY:	
DATE:	

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