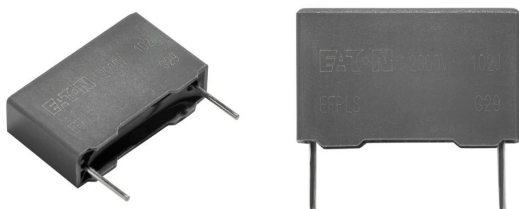


Specifications



Photo is representative



Eaton

EFPLS1GJ103B012LH

Eaton FILM CAP EFPLS, 1600VDC, 0.01uF, J, 2LEADS, Size=18mmx11mmx5mm

General specifications

PRODUCT NAME	Eaton EFPLS metallized polypropylene film pulse capacitors
---------------------	--

CATALOG NUMBER	EFPLS1GJ103B012LH
-----------------------	-------------------

UPC	197162033844
------------	--------------

PRODUCT LENGTH/DEPTH	18 mm
-----------------------------	-------

PRODUCT HEIGHT	11 mm
-----------------------	-------

PRODUCT WIDTH	5 mm
----------------------	------

PRODUCT WEIGHT	1.19 g
-----------------------	--------

COMPLIANCES	RoHS Compliant
--------------------	----------------

Product specifications

VOLTAGE RATING	1600 Vdc
IRMS	2 A
PEAK CURRENT	60 A
EQUIVALENT SERIES RESISTANCE (ESR)	65 mΩ @ 10 kHz
EQUIVALENT SERIES INDUCTANCE (ESL)	12 nH
DV/DT	6000 V/μ s
TEMPERATURE RATING	-40 °C to +105 °C
SIZE	18 mm x 5.0 mm x 11 mm
CAPACITANCE	0.01 μ F
GRADE	Industrial

Resources

APPLICATION NOTES

[Understanding Eaton's film capacitors \(Safety, DC-Link, Pulse and AC-filtering\)](#)

BROCHURES

[Eaton capacitors provide reliable EMI filtering in distributed solar inverters](#)

[Eaton's film capacitors provide reliable EMI filtering in fast-charging xEV stations](#)

[Eaton's film capacitors provide reliable EMI filtering in onboard chargers for electric vehicles](#)

[Eaton offers standard and automotive-grade film capacitors for electronic applications](#)

SPECIFICATIONS AND DATASHEETS

[EFPLS Pulse film capacitor data sheet](#)

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATE:



Eaton Corporation plc

Eaton House
30 Pembroke Road
Dublin 4, Ireland
Eaton.com

© 2025 Eaton. All Rights Reserved.

Follow us on social media to get the latest product and support information.

