

0257010.PXPV Datasheet

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DiGi Electronics Part Number	0257010.PXPV-DG
Manufacturer	Littelfuse Inc.
Manufacturer Product Number	0257010.PXPV
Description	FUSE AUTO 10A 32VDC BLADE ATO
Detailed Description	10 A AC 32 V DC Fuse Automotive Requires Holder Blade, ATO/ATC

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Purchase and inquiry

Manufacturer Product Number:

0257010.PXPV

Series:

ATO®

Mounting Type:

Requires Holder

Current Rating (Amps):

10 A

Response Time:

Fast Blow

Breaking Capacity @ Rated Voltage:

1kA

Approval Agency:

-

Color:

Red

DC Cold Resistance:

0.0077 Ohms

Manufacturer:

Littelfuse Inc.

Product Status:

Obsolete

Fuse Type:

Automotive

Voltage Rating - DC:

32 V

Package / Case:

Blade, ATO/ATC

Melting I²t:

115

Operating Temperature:

-

Size / Dimension:

0.750" L x 0.200" W x 0.480" H (19.05mm x 5.08mm x 12.19mm)

Environmental & Export classification

RoHS Status:

ROHS3 Compliant

ECCN:

EAR99

Moisture Sensitivity Level (MSL):

1 (Unlimited)

HTSUS:

8536.10.0040

ATO[®] BLADE FUSE RATED 32V



Description

Developed by Littelfuse for the automotive industry, the ATO[®] fuse has become the original equipment circuit protection standard for foreign and domestic automobiles and trucks. Readily identifiable and easily replaced, this fuse can be specified for a variety of low voltage electronic applications.

Specifications

Voltage Rating:	32 VDC
Interrupting Rating:	1000A @ 32 VDC
Operating Temperature Range:	-40°C to +105°C
Terminals:	Sn plated zinc alloy
Housing Terminals:	Polyethersulfone, Polysulfone, and Polycarbonate
Complies with:	ISO 8820-3 UL 248 Special Purpose Fuses

Ordering Information

Part Number	Package Size
0257xxx.PXPV	2000
0257xxx.U	500
0257xxx.L	50

Time-Current Characteristics

% of Rating	Current Rating	Opening Time Min / Max (s)
100	35-40	360,000 s / -
110	1-30	360,000 s / -
135	1-2 3-40	500 ms / 600 s 0.750 s / 600 s
200	1-2 3-40	100 ms / 5.0 s 0.150 s / 5.0 s
350	1-2 3-40	20 ms / 500 ms 80 ms / 500 ms
600	1-30 35-40	- / 100 ms - / 150 ms

Ratings

Part Number	Current Rating	Housing Color	Typ. Voltage Drop	Cold Resistance	I ² t
0257001._	1 A	Black	176 mV	123 mΩ	0.4 A ² s
0257002._	2 A	Grey	141 mV	53.5 mΩ	1.4 A ² s
0257003._	3 A	Purple	137 mV	31.1 mΩ	7.4 A ² s
0257004._	4 A	Pink	136 mV	22.8 mΩ	14 A ² s
0257005._	5 A	Brown	128 mV	17.85 mΩ	26 A ² s
025707.5_	7.5 A	Dark Brown	116 mV	10.91 mΩ	60 A ² s
0257010._	10 A	Red	109 mV	7.70 mΩ	115 A ² s
0257015._	15 A	Blue	102 mV	4.80 mΩ	340 A ² s
0257020._	20 A	Yellow	98 mV	3.38 mΩ	520 A ² s
0257025._	25 A	White	92 mV	2.52 mΩ	1080 A ² s
0257030._	30 A	Light Green	84 mV	1.97 mΩ	1510 A ² s
0257035._	35 A	Dark Green	87 mV	1.61 mΩ	2280 A ² s
0257040._	40 A	Orange	96 mV	1.44 mΩ	3310 A ² s

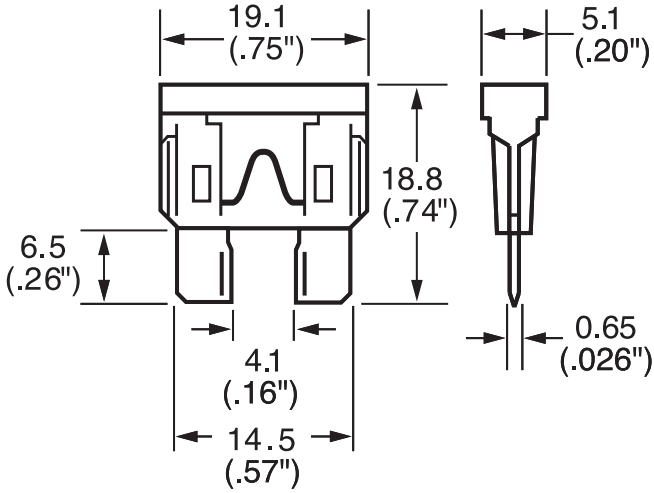
Corresponding holder see Section "Fuse Holders."

ATO® BLADE FUSE RATED 32V

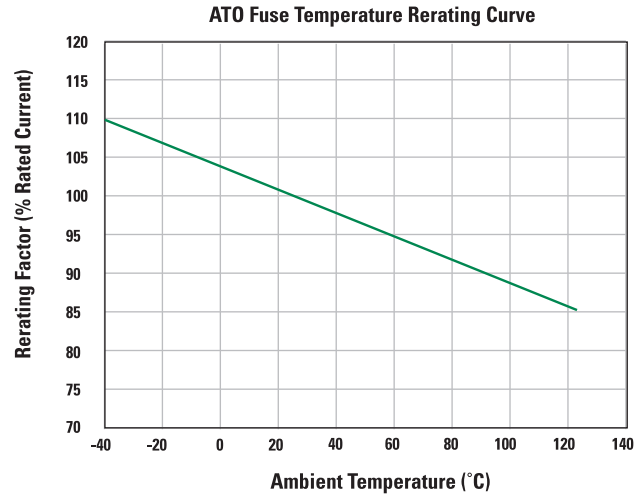


Dimensions

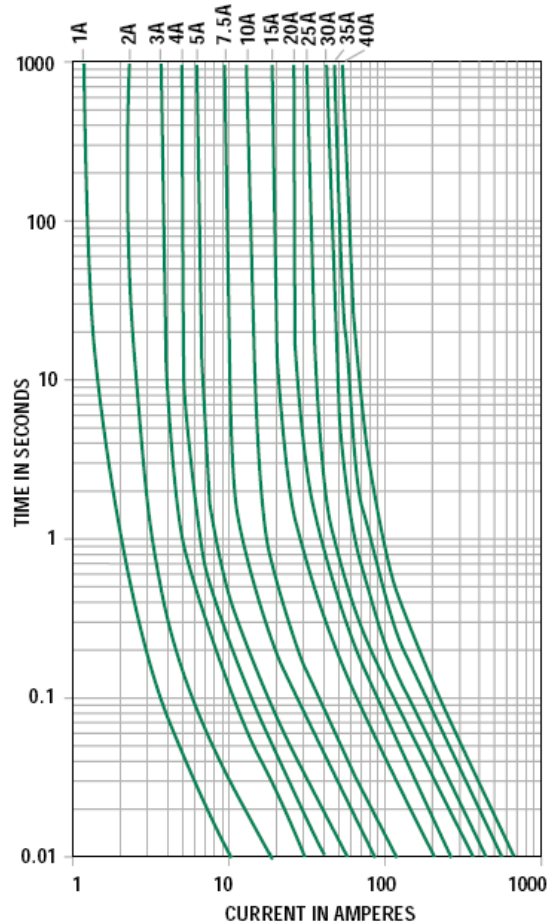
Dimensions in mm



Temperature Derating Curve



Time-Current Characteristic Curves



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