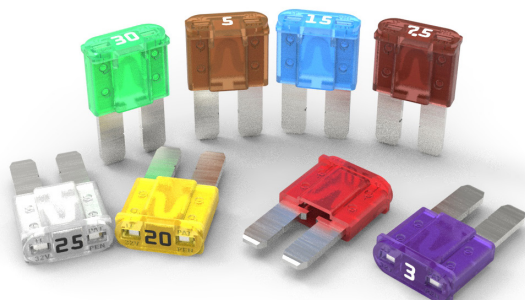


MICRO2™ Blade Fuses

Rated 32V

RoHS



Specifications

Voltage Rating:	32 V dc
Interrupting Rating:	1000A @ 32 V dc
*Recommended Environmental Temperature:	-40 °C to +125 °C
Terminals Material:	Silver plated / Tin plated zinc alloy
Housing Material:	PA66 (U.L. 94 Flammability rating – V2)
Net Weight per Fuse:	0.53 g ± 5%
Complies with:	SAE 2741, ISO 8820-12:2020

*Tin plating's temperature limit is =130°C, Silver plating allows up to 150°C at the terminal interface.

Description

MICRO2™ blade fuses employ subminiature design, which allows them to provide more automotive circuit protection in less space. MICRO2 fuses have also passed performance tests proving their reliability in polluted, humid, and high-temperature environments.

Features & Benefits

- Color coding shows the amperage rating for each fuse
- See-through housing makes it easy to check whether a fuse has blown
- Checkpoints on top make it possible to measure resistance without removing the fuse
- High-contrast amperage stamp on the top of the housing aids identification
- Simple to install and remove

Applications

- Cars
- Trucks
- SUVs
- Offroad vehicles
- Buses
- Watercraft as approved by Littelfuse®










Ordering Information

Part Number	Rating	Package Size
MICRO2 (Silver Plated)		
0327xxx.YX2S	3–30 & SHUNT	4000
0327xxx.UXS	3–30	500
0327xxx.LXS	3–30	50
MICRO2 (Tin Plated)		
0327xxx.YX2T	5–30	4000

MICRO2™ Blade Fuses

Rated 32V

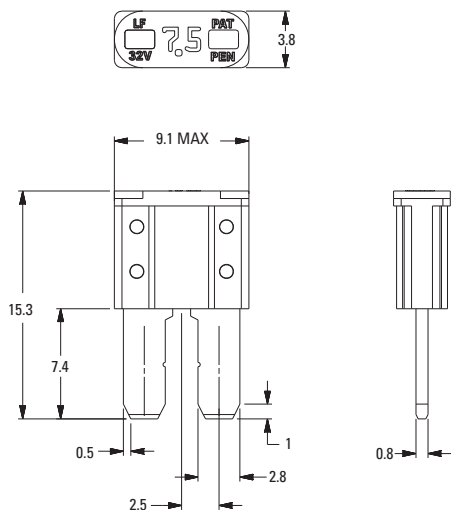
Ratings

Part Number	Current Rating (A)	Housing Material Color	Test Cable Size (mm ²)	Typ. Voltage Drop (mV)	Typ. Cold Resistance (mΩ)	Typ. I ² t (A ² s)
0327003_	3 (*)		0.35	113	31.7	9
0327005_	5		0.5	116	17.4	17
032707.5_	7.5		0.75	106	10.8	47
0327010_	10		1	102	7.7	90
0327015_	15		1.5	94	4.9	190
0327020_	20		2.5	91	3.5	400
0327025_	25		2.5	90	2.6	580
0327030_	30		4	88	2.1	1000
0327900_	SHUNT		-	-	-	-

* 3 A rating is available only as Silver Plated version
 The typical I²t is an average value calculated from the breaking capacity tests by using the melting time before the arcing occurs.

Dimensions

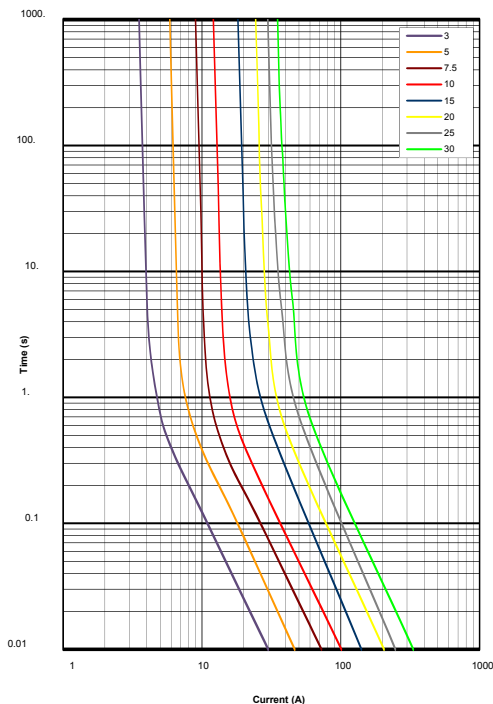
Dimensions in mm for reference only.
 See outline drawing for dimensions and tolerances.



MICRO2™ Blade Fuses

Rated 32V

Time-Current Characteristic Curves

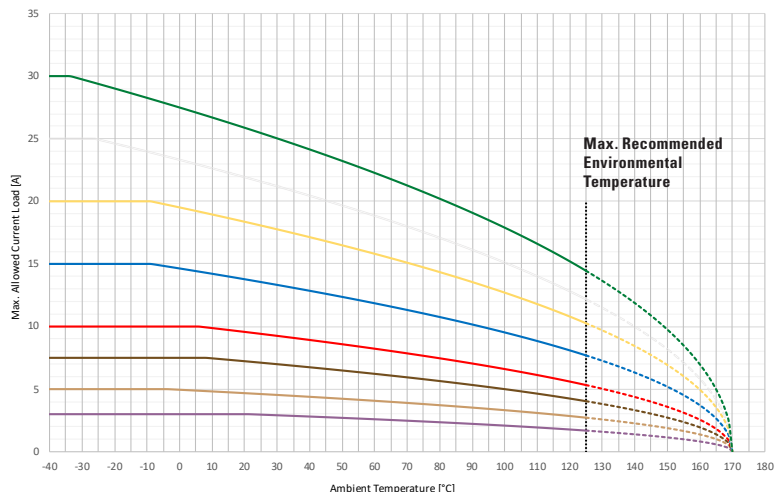


Time-Current Characteristics

% of Rating	Opening Time Min / Max (s)
110	360 000 / ∞
135	0.75 / 120
160	0.3 / 50
200	0.15 / 5
350	0.04 / 0.5
600	0.02 / 0.1

Typical Derating of Fuse Melting Element

Temperature Security Margin is 20%
 Wire Cross Section And Fixture Test Set Up Refer To ISO 8820-3
 Please Contact Littelfuse® For Details Regarding Derating Test Set Up



Derating curves may change depending on the final condition of the application (terminals characteristics, wire size etc.). Please ask Littelfuse for more information.

Temperature Table

	Max. allowed current load (A) at ambient temperature (typical derating)						
	-40 °C	0 °C	20 °C	65 °C	85 °C	110 °C	125 °C
3A	3	3	3	3	2	2	2
5A	5	5	5	4	4	3	3
7.5A	7.5	7.5	7	6	5	5	4
10A	10	10	10	8	7	6	5
15A	15	15	14	12	10	9	8
20A	20	20	18	15	14	12	10
25A	25	23	22	18	17	14	12
30A	30	27	26	22	20	17	14

MICRO2 SHUNT Maximum Continuous Load: 20A.