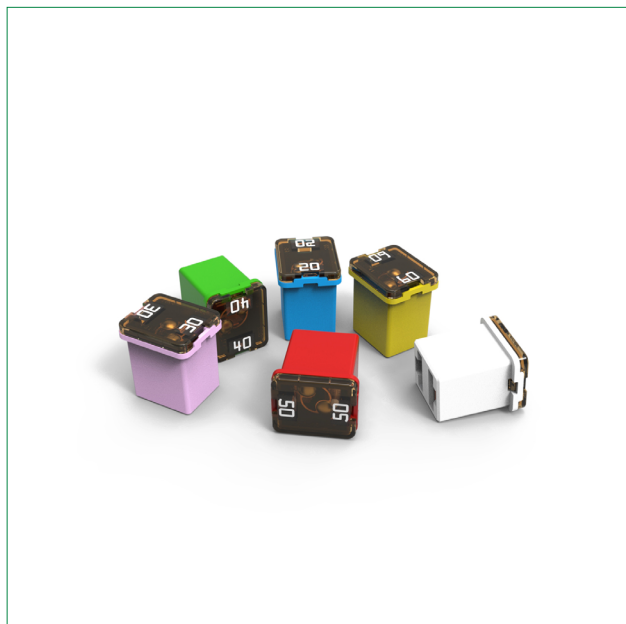


# Low Profile JCASE® Series

## Cartridge Fuses – Rated 58V



### Description

The Low Profile JCASE® fuse has similar performance characteristics as the standard JCASE® fuse. The lower overall height reduction allows for more space and weight savings and also allows for a shorter male blade terminal, saving additional weight and material savings in fuse box designs.

### Features & Benefits

- Semitransparent cover makes it easier to see when fuse blows
- High-contrast amperage stamp on the top of the housing aids identification
- Color coding indicates amperage rating for each fuse
- Silver plating allows up to 150 °C at the terminal interface
- Compact design
- Comply with ISO 8820-4

### Applications

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

### Agency Approvals

Agency	Agency File Number	Current Rating (A)
	20130624-E71611	20 – 60

### Additional Information



Resources



Samples

### See Disclaimer Notice

<b>Voltage Rating:</b>	58 V DC
<b>Interrupting Rating:</b>	1000 A @ 58 V DC
<b>Recommended Environmental Temperature:</b>	-40 °C to +125 °C
<b>Housing Material:</b>	PPA-GF33 (U.L. 94 Flammability rating - HB)
<b>Cover Material:</b>	PSU (U.L. 94 Flammability rating - HB)
<b>Typical Weight per Fuse:</b>	2.4 g
<b>Fuse Insertion Force:</b>	53 N Max. (12 lb.)
<b>Extraction Force:</b>	9 N Min (2 lb.)
<b>Comply With:</b>	SAE 2741 and ISO 8820-4 except for the life test – LF specification is 100-hours at 100% of rated current

\*Note: Silver plating allows up to 150 °C at the terminal interface.







### Ordering Information

Part Number	Current Rating (A)	Package Size
0895xxx.Z	20 – 60	2000
0895xxx.U	20 – 60	500
0895xxx.T	20 – 60	10

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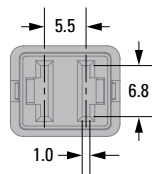
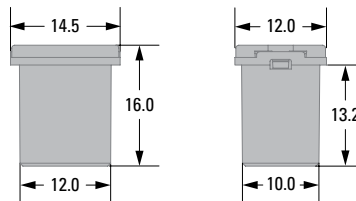
### Ratings

Part Number	Current Rating (A)	Housing Material Color	Test Cable Size (mm <sup>2</sup> )	Typ. Voltage Drop (mV)	Typ. Cold Resistance (mΩ)	Typ. I <sup>2</sup> t (A <sup>2</sup> s)
0895020_	20		4	104	4.48	400
0895025_	25		4	113	3.39	680
0895030_	30		4	107	2.68	1800
0895040_	40		4	102	1.89	5500
0895050_	50		6	96	1.08	4900
0895060_	60		6	96	0.83	9600

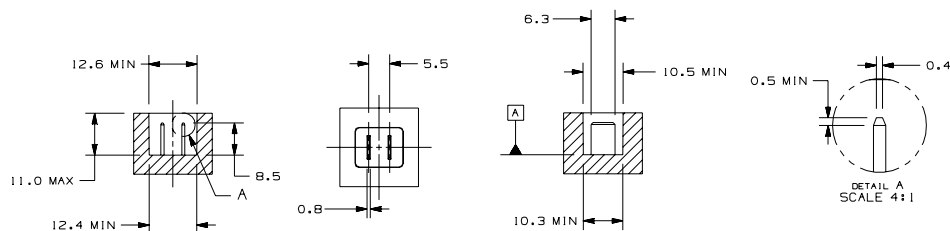
**Note:** The typical I<sup>2</sup>t is an average value calculated from the breaking capacity tests by using the melting time before the arcing occurs.

### Dimensions

Dimensions in mm. Please refer to the outline drawing for dimensions and tolerances.



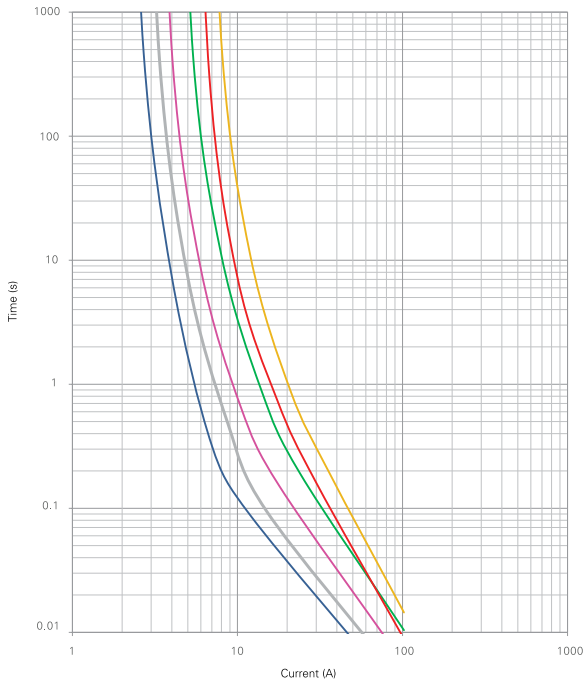
**RECOMMENDED MATING CAVITY**  
(Please refer to the OL drawing for further details)



# Low Profile JCASE® Series

## Cartridge Fuses – Rated 58V

### Time-Current Characteristic



% of Rating	Opening Time Min. / Max. (s)
110	360 000 / -
135	60 / 1800
200	4 / 60
350	0.2 / 7
600	0.04 / 1

- 20 A
- 25 A
- 30 A
- 40 A
- 50 A
- 60 A

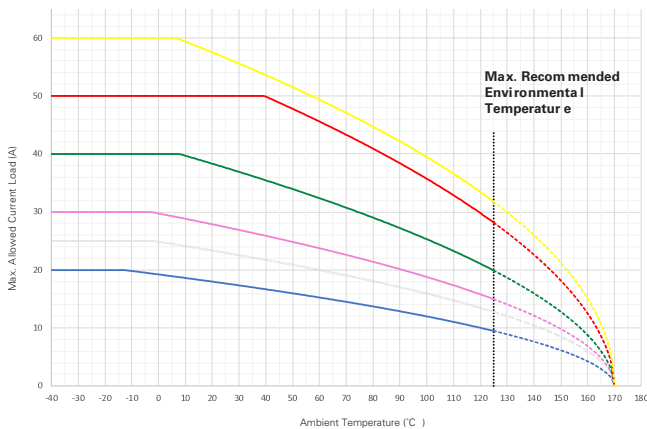
**Note:** Current recommendation may be impacted by the final condition of the application (terminals characteristics, wire size etc.). Please contact Littelfuse® for more information.

### Typical Derating Curves

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.



**Max. allowed current load (A) at ambient temperature based on typical derating**

	-40 °C	0 °C	20 °C	65 °C	85 °C	110 °C	125 °C
<b>20 A</b>	20	19	18	15	13	11	9
<b>25 A</b>	25	25	23	20	18	15	13
<b>30 A</b>	30	30	28	23	21	17	15
<b>40 A</b>	40	40	38	32	28	23	20
<b>50 A</b>	50	50	50	44	40	33	28
<b>60 A</b>	60	60	58	48	43	37	32

- 20 A
- 25 A
- 30 A
- 40 A
- 50 A
- 60 A

**Note:** Current recommendation may be impacted by the final condition of the application (terminals characteristics, wire size etc.). Please contact Littelfuse® for more information.

**Disclaimer Notice** - Information furnished is believed to be accurate and reliable. However, users should independently evaluate the suitability of and test each product selected for their own applications. Littelfuse products are not designed for, and may not be used in, all applications. Read complete Disclaimer Notice at <https://www.littelfuse.com/legal/disclaimers/product-disclaimer.aspx>