

Low Profile JCASE® Series

Cartridge Fuses – Rated 58V



RoHS



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
- Compact design
- SHUNT version available
- Refers to ISO 8820-4

Applications

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

Agency Approvals

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

[See Disclaimer Notice](#)

Additional Information



Resources



Samples

Voltage Rating:	58 V DC
Interrupting Rating:	1000 A @ 58 V DC
Recommended Environmental Temperature:	–40 °C to +125 °C
Housing Material:	PA66-GF13 (U.L. 94 Flammability rating - HB)
Cover Material:	PSU (U.L. 94 Flammability rating - HB)
Typical Weight per Fuse:	2.4 g
Fuse Insertion Force:	53 N Max. (12 lb.)
Extraction Force:	9 N Min (2 lb.)
Refers To:	SAE 2741 and ISO 8820-4








Ordering Information

Part Number	Current Rating (A)	Package Size
0895xxx.Z	20 – 60	2000
0895xxx.U	20 – 60	500
0895xxx.T	20 – 60	10
0895900.Z	SHUNT	2000

Low Profile JCASE® Series

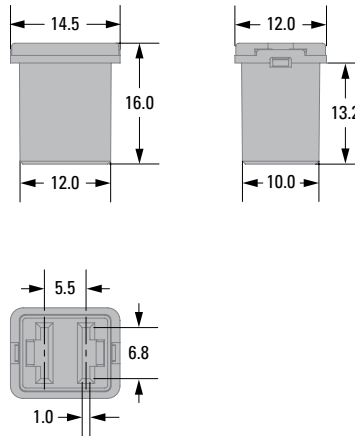
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Ratings

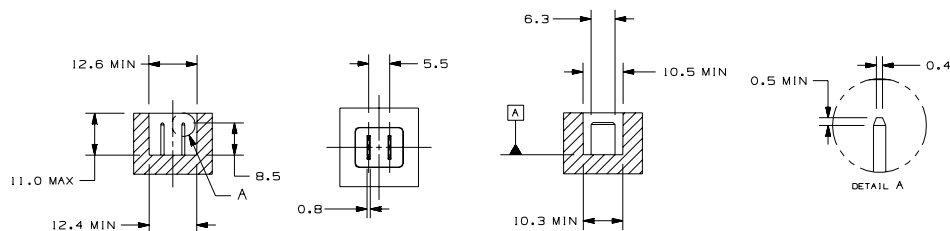
Part Number	Current Rating (A)	Housing Material Color	Test Cable Size (mm ²)	Typ. Voltage Drop (mV)	Typ. Cold Resistance (mΩ)	Typ. I ² t (A ² s)
0895020_	20		4	104	4.48	400
0895025_	25		4	113	3.39	680
0895030_	30		4	107	2.68	1800
0895040_	40		4	102	1.89	5500
0895050_	50		6	96	1.08	4900
0895060_	60		6	96	0.83	9600
0495900_	SHUNT		-	-	-	-

Dimensions

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



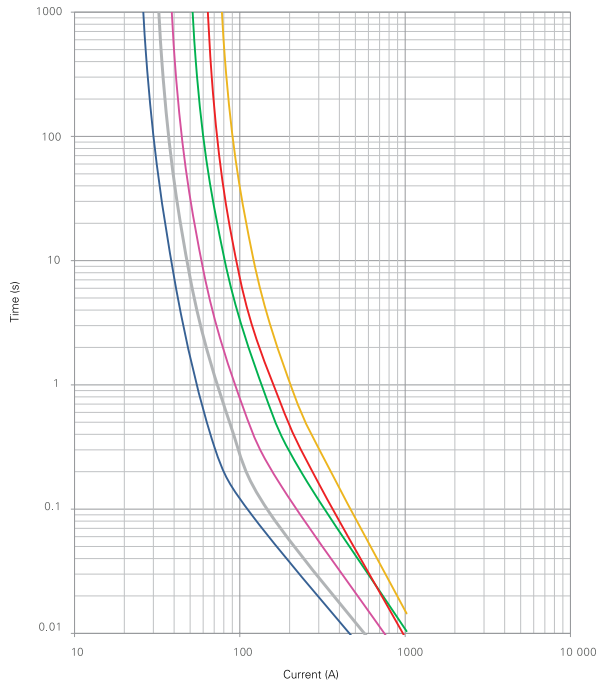
RECOMMENDED MATING CAVITY
(Please refer to the OL drawing for further details)



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Time-Current Characteristic



% of Rating	Opening Time Min. / Max. (s)
100	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

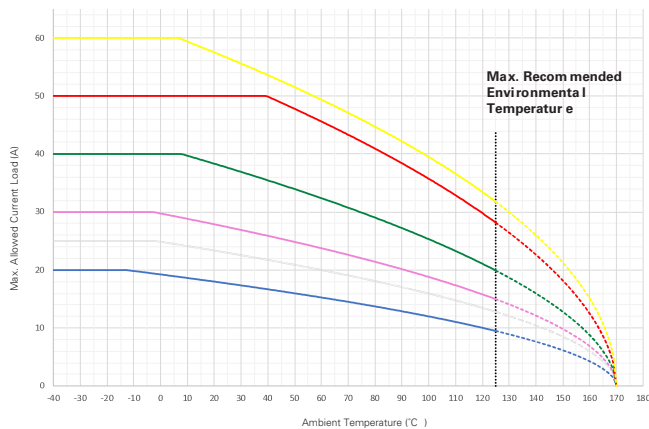
Note: Current recommendation may be impacted by the final condition of the application (terminals characteristics, wire size etc.). Please contact Littelfuse® for more information.

Typical Derating Curves

Temperature security margin is 20%.

Wire Cross Section And Fixture Test Set Up Refer To ISO 8820-4

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
20 A	20	19	18	15	13	11	9
25 A	25	25	23	20	18	15	13
30 A	30	30	28	23	21	17	15
40 A	40	40	38	32	28	23	20
50 A	50	50	50	44	40	33	28
60 A	60	60	58	48	43	37	32

— 20 A
— 25 A
— 30 A
— 40 A
— 50 A
— 60 A

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