



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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Type 5SF / 5SFP

5 x 20mm Glass Tube

Quick-acting Fuse Series (Low Breaking Capacity)



Electrical Characteristics (IEC-127-2 STANDARD SHEET 2)

Rated Current	1.5 In		2.1 In		2.75 In		4 In		10 In
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MAX
80mA to 100mA	1	30	10	0.5	3	100	20		
125mA and above	1	30	50	2	10	300	20		
	hr.	min.	ms	sec	ms	ms	ms		

Approvals



Safety Agency Approvals	Amp range / Volt @ I.R. ability
Certificate No. 0035174 / 0046197 Licence No. 85637 Certificate No. E1264	80mA - 6.3A / 250V AC@ 35A or 10 In whichever is greater
Recognized File No. E20624 Acceptance File No. LR39772	80mA - 10A / 250V AC@ 35A or 10 In whichever is greater

Operating Temperature

-55°C to +125°C

Physical Specification

Materials

Glass body / Nickel Plated Brass Caps

Lead wire:

Tin-lead plated Copper,

Diameter 0.032", 6.3A and less

Diameter 0.040", 8A and above

Marking

On fuse:

"bel", "F", "Current Rating", "L", "250V", and "Appropriate Safety Logos"

On label:

Above info plus "5SF" or "5SFP" "CC" and interrupting rating

Packaging

1. In bulk:

5SF - 1,000 pcs per box; 5SFP - 500 pcs per box

2. On Axial Tape & Reel:

1,500 pcs per reel

3. Tape & Reel specification:

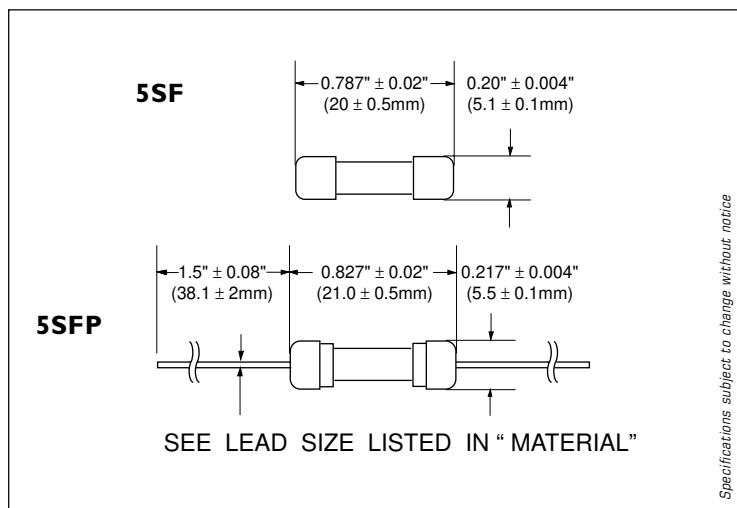
per EIA-296-E & IEC 286-1

@ 10mm Pitch and 63.5mm inside Tape Spacing

Catalog Number	Ampere Rating	Typical Cold Resistance (ohm)	Volt-drop @ 100% In (Volt) max.	Melting I ² T < 10 mSec (A ² Sec)	Melting I ² T @ 10 In (A ² Sec)	Maximum Power Dissipation (W)
5SF (P) 80	80mA	6.8	0.93	0.003	0.003	0.39
5SF (P) 100	100mA	4.9	0.84	0.005	0.005	0.44
5SF (P) 125	125mA	3.5	0.76	0.009	0.008	0.50
5SF (P) 160	160mA	2.5	0.68	0.017	0.015	0.57
5SF (P) 200	200mA	1.8	0.62	0.030	0.028	0.64
5SF (P) 250	250mA	1.3	0.56	0.05	0.05	0.73
5SF (P) 315	315mA	0.9	0.50	0.10	0.09	0.83
5SF (P) 400	400mA	0.67	0.45	0.17	0.17	0.94
5SF (P) 500	500mA	0.25	0.14	0.40	0.40	0.12
5SF (P) 630	630mA	0.19	0.13	0.64	0.65	0.15
5SF (P) 800	800mA	0.14	0.13	1.01	1.04	0.20
5SF (P) 1	1A	0.11	0.12	1.6	1.7	0.27
5SF (P) 1.25	1.25A	0.08	0.11	2.5	2.7	0.35
5SF (P) 1.6	1.6A	0.06	0.11	4.0	4.4	0.47
5SF (P) 2	2A	0.04	0.10	6.4	7.0	0.62
5SF (P) 2.5	2.5A	0.03	0.10	10.2	11.4	0.82
5SF (P) 3.15	3.15A	0.025	0.09	16	18	1.08
5SF (P) 4	4A	0.019	0.09	26	30	1.43
5SF (P) 5	5A	0.014	0.08	41	48	1.89
5SF (P) 6.3	6.3A	0.011	0.08	65	74	2.50
5SF (P) 8	8A	0.008	0.08	103	119	3.30
5SF (P) 10	10A	0.006	0.07	163	192	4.37

Consult manufacturer for other ratings

Mechanical Dimensions



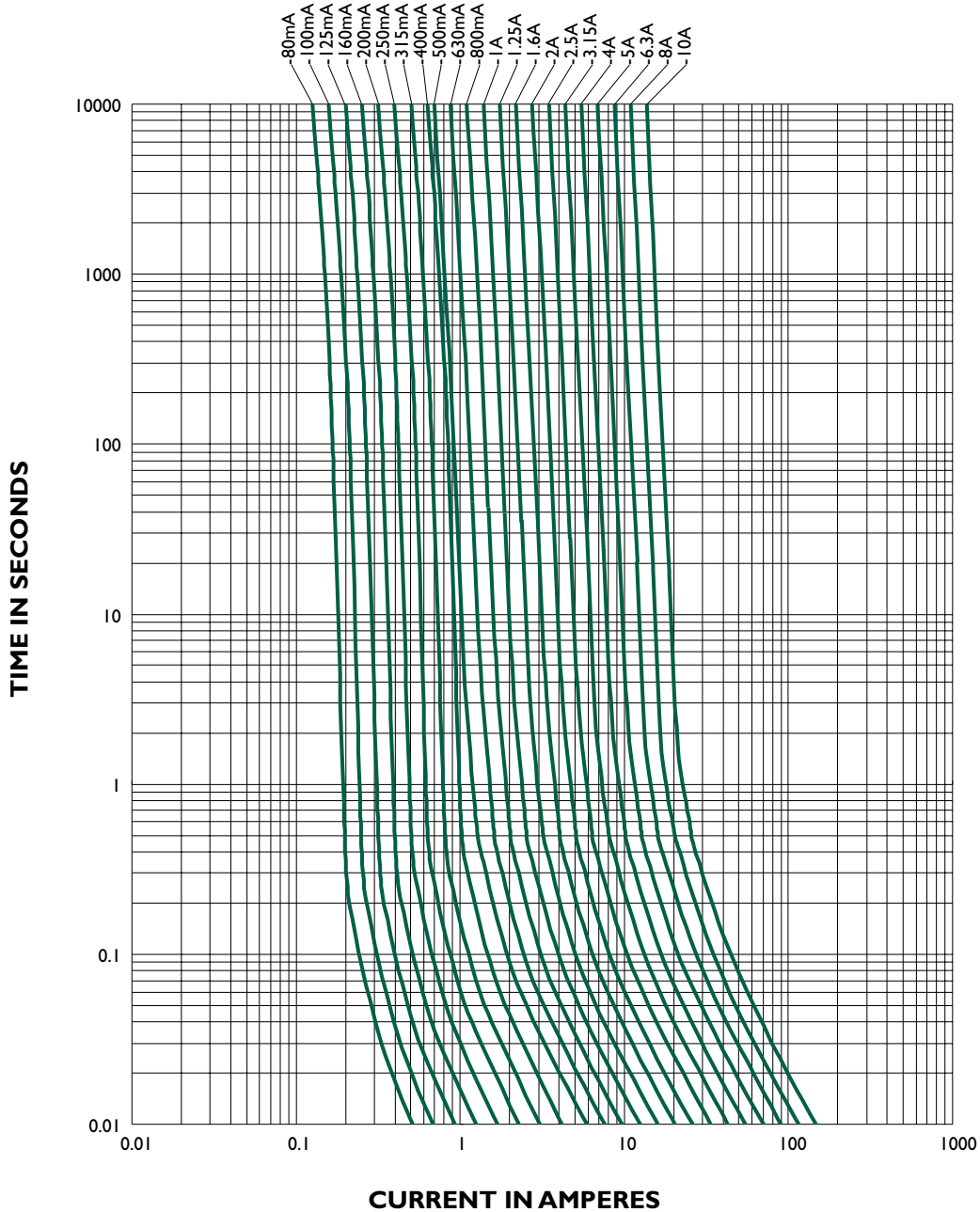
ORDERING INFORMATION SEE PAGES 67 & 68

Type 5SF / 5SFP
Quick-acting Fuse Series (Low Breaking Capacity)

5 x 20mm Glass Tube

5SFC0801

5SF / 5SFP - TIME CURRENT CHARACTERISTIC CURVE



Specifications subject to change without notice

NOTE - see important information under "User Guide" on P.08

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