

Excellent Integrated System Limited

Stocking Distributor

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[Bel Fuse Inc.](#)
[5HF 100](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

bel

defining a degree of excellence

5HFD0903

Type 5HF / 5HFP

5 x 20mm Ceramic Tube

Quick-acting Fuse Series (High-Breaking Capacity)



Electrical Characteristics (IEC-127-2 STANDARD SHEET 1)

Rated Current	1.5 In		2.1 In		2.75 In		4 In		10 In	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
100mA to 3.15A	1	30	10	2	3	300	20			
4A and above	1	30	10	3	3	300	20			
	hr.	min.	ms	sec	ms	ms	ms			

Approvals

Safety Agency Approvals	Amp range / Volt @ I.R.ability
Certificate No. 9351184; 9431177 Licence No. 40000506 Certificate No. EI262 Recognized File No. E20624 Acceptance File No. LR39772 File No. JET1037-31003-1004, JET1037-31003-1005 Licence No. 2002010207021529	1A - 6.3A / 250V AC@ 1,500A 100mA - 10A / 250V AC@ 1,500A 1A - 5A / 250V AC@ 1,500A 100mA - 10A / 250V AC@ 1,500A

Operating Temperature

-55°C to +125°C

Physical Specification

Materials

Ceramic 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", "H", "250V",
and "Appropriate Safety Logos"

On label:

Above info plus "5HF" or "5HFP", "CE" and "CCC" and
interrupting rating

Packaging

1. In bulk:

5HF - 1,000 pcs per box; 5HFP - 500 pcs per box

2. On Axial Tape & Reel:

1,500 pcs per reel

3. Tape & Reel specification:

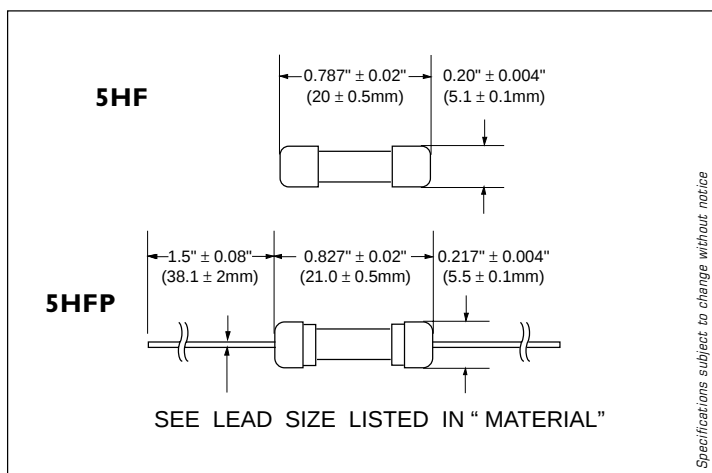
per EIA-296-E & IEC 286-1

@ 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 ⁴ In (A ² Sec)	Maximum Power Dissipation (W)
5HF (P) 100	100mA	3.85	0.56	0.003	0.002	0.30
5HF (P) 125	125mA	2.78	0.54	0.005	0.004	0.36
5HF (P) 160	160mA	2.01	0.52	0.009	0.008	0.43
5HF (P) 200	200mA	1.45	0.50	0.016	0.014	0.52
5HF (P) 250	250mA	1.05	0.48	0.028	0.026	0.63
5HF (P) 315	315mA	0.76	0.46	0.051	0.046	0.76
5HF (P) 400	400mA	0.55	0.44	0.091	0.084	0.92
5HF (P) 500	500mA	0.40	0.43	0.16	0.15	1.11
5HF (P) 630	630mA	0.29	0.41	0.29	0.27	1.35
5HF (P) 800	800mA	0.21	0.20	0.36	0.35	0.58
5HF (P) 1	1A	0.15	0.18	0.65	0.63	0.69
5HF (P) 1.25	1.25A	0.11	0.17	1.17	1.15	0.81
5HF (P) 1.6	1.6A	0.08	0.16	2.10	2.07	0.96
5HF (P) 2	2A	0.06	0.15	3.8	3.7	1.1
5HF (P) 2.5	2.5A	0.04	0.14	6.8	6.8	1.3
5HF (P) 3.15	3.15A	0.031	0.14	12.2	12.3	1.6
5HF (P) 4	4A	0.023	0.13	22	22	1.9
5HF (P) 5	5A	0.016	0.12	39	40	2.2
5HF (P) 6.3	6.3A	0.012	0.113	70	73	2.7
5HF (P) 8	8A	0.009	0.106	126	131	3.1
5HF (P) 10	10A	0.006	0.100	227	238	3.7

Consult manufacturer for other ratings

Mechanical Dimensions



Specifications subject to change without notice

ORDERING INFORMATION SEE PAGES 67 & 68

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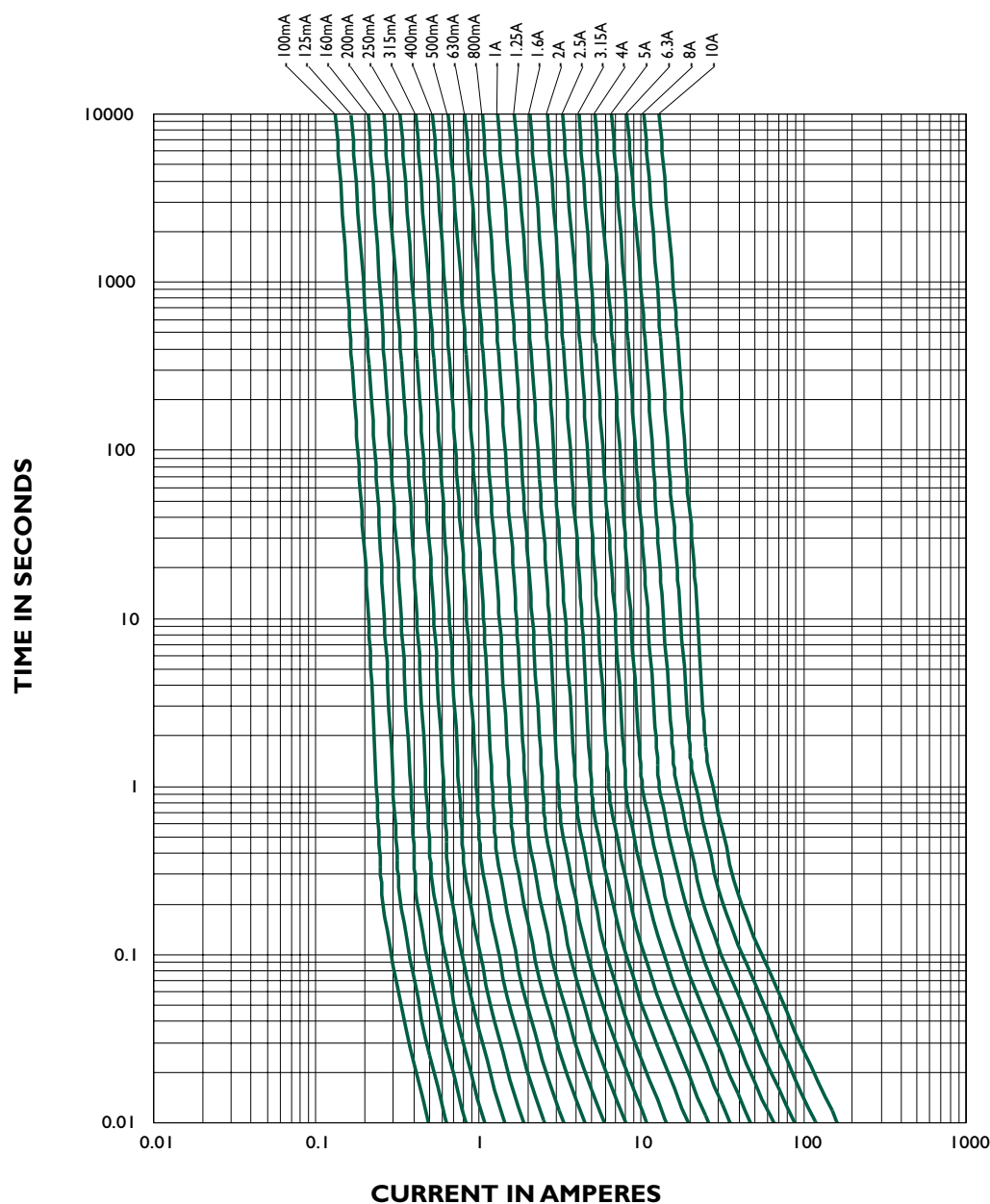
Type 5HF / 5HFP

5 x 20mm Ceramic Tube

Quick-acting Fuse Series (High-Breaking Capacity)

5HFC0801

5HF / 5HFP - TIME CURRENT CHARACTERISTIC CURVE



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

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