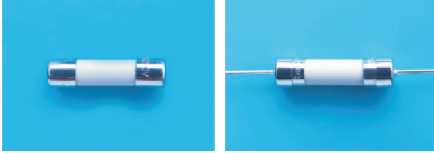


Type 5HF / 5HFP

5 x 20mm Ceramic Tube

RoHS 6 Compliant

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 to 6.3A	1	30	10	3	3	300	20			
8A to 12A	1	30	40	20	10	1	30			
	hr.	min.	ms	sec	ms	ms	ms			

Approvals



Safety Agency Approvals	Type	Amp range / Volt @ I.R.ability
Certificate No. 408891 Certificate No. 401359	5HF/ 5HFP	1A - 6.3A / 250V AC @ 1,500A 8A - 12A / 250V AC @ 1,500A
Licence No. 40000506 Certificate No. EM233		1A - 6.3A / 250V AC @ 1,500A
Recognized File No. E20624 Acceptance File No. LR39772		100mA - 10A / 250V AC @ 1,500A
File No. JET1037-31003-1004, JET1037-31003-1005 JET1037-31003-1006	5HF/ 5HFP	1A - 5A / 250V AC @ 1,500A >5A -15A / 250V AC @ 1,500A
Licence No. 2002010207021529	5HF/ 5HFP	100mA - 10A / 250V AC @ 1,500A

RoHS 6 Compliant Product

Operating Temperature

-55°C to +125°C

Physical Specification

Materials

Ceramic body / Nickel Plated Brass Caps

Lead wire:

Matte Tin Plated Copper Alloy,
Diameter 0.032", 6.3A and less
Diameter 0.040", 8A and above

Marking

On fuse:

"bel", "F", "Current Rating", "H", "250V",
"Appropriate Safety Logos", "✓" (RoHS 6 compliant)

On label:

"bel", "5HF" or "5HFP", "Current Rating",
"Voltage Rating", "Interrupting Rating", "Appropriate
Safety Logos" and "M", "e" (China RoHS compliant)

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)
5HF (P) 100-R	100mA	3.85	0.56	0.003	0.002	0.30
5HF (P) 125-R	125mA	2.78	0.54	0.005	0.004	0.36
5HF (P) 160-R	160mA	2.01	0.52	0.009	0.008	0.43
5HF (P) 200-R	200mA	1.45	0.50	0.016	0.014	0.52
5HF (P) 250-R	250mA	1.05	0.48	0.028	0.026	0.63
5HF (P) 315-R	315mA	0.757	0.46	0.051	0.046	0.76
5HF (P) 400-R	400mA	0.547	0.44	0.091	0.084	0.92
5HF (P) 500-R	500mA	0.395	0.43	0.16	0.15	1.11
5HF (P) 630-R	630mA	0.286	0.41	0.29	0.27	1.35
5HF (P) 800-R	800mA	0.206	0.20	0.36	0.35	0.58
5HF (P) 1-R	1A	0.150	0.18	0.65	0.63	0.69
5HF (P) 1.25-R	1.25A	0.110	0.17	1.17	1.15	0.81
5HF (P) 1.6-R	1.6A	0.080	0.16	2.10	2.07	0.96
5HF (P) 2-R	2A	0.058	0.15	3.77	3.75	1.1
5HF (P) 2.5-R	2.5A	0.043	0.14	6.78	6.78	1.3
5HF (P) 3.15-R	3.15A	0.031	0.14	12	12	1.6
5HF (P) 4-R	4A	0.023	0.13	22	22	1.9
5HF (P) 5-R	5A	0.016	0.12	39	40	2.2
5HF (P) 6.3-R	6.3A	0.012	0.11	70	73	2.7
5HF (P) 8-R	8A	0.009	0.11	126	131	3.1
5HF (P) 10-R	10A	0.006	0.10	227	238	3.7
5HF (P) 12-R	12A	0.005	0.094	408	430	4.4

Consult manufacturer for other ratings

Packaging

1. In bulk:

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

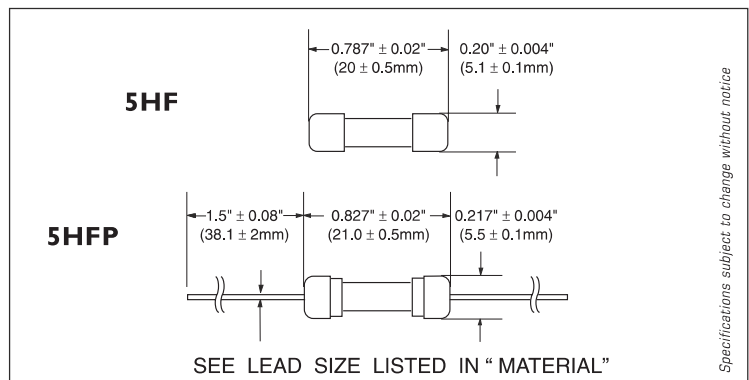
2. On Axial Tape & Reel:

1,500 pcs per reel

3. Tape & Reel specification:

per EIA-296-E & IEC 286-1 @ 10mm Pitch and 63.5mm inside Tape Spacing

Mechanical Dimensions



Specifications subject to change without notice

ORDERING INFORMATION SEE LAST 2 PAGES

Type 5HF / 5HFP

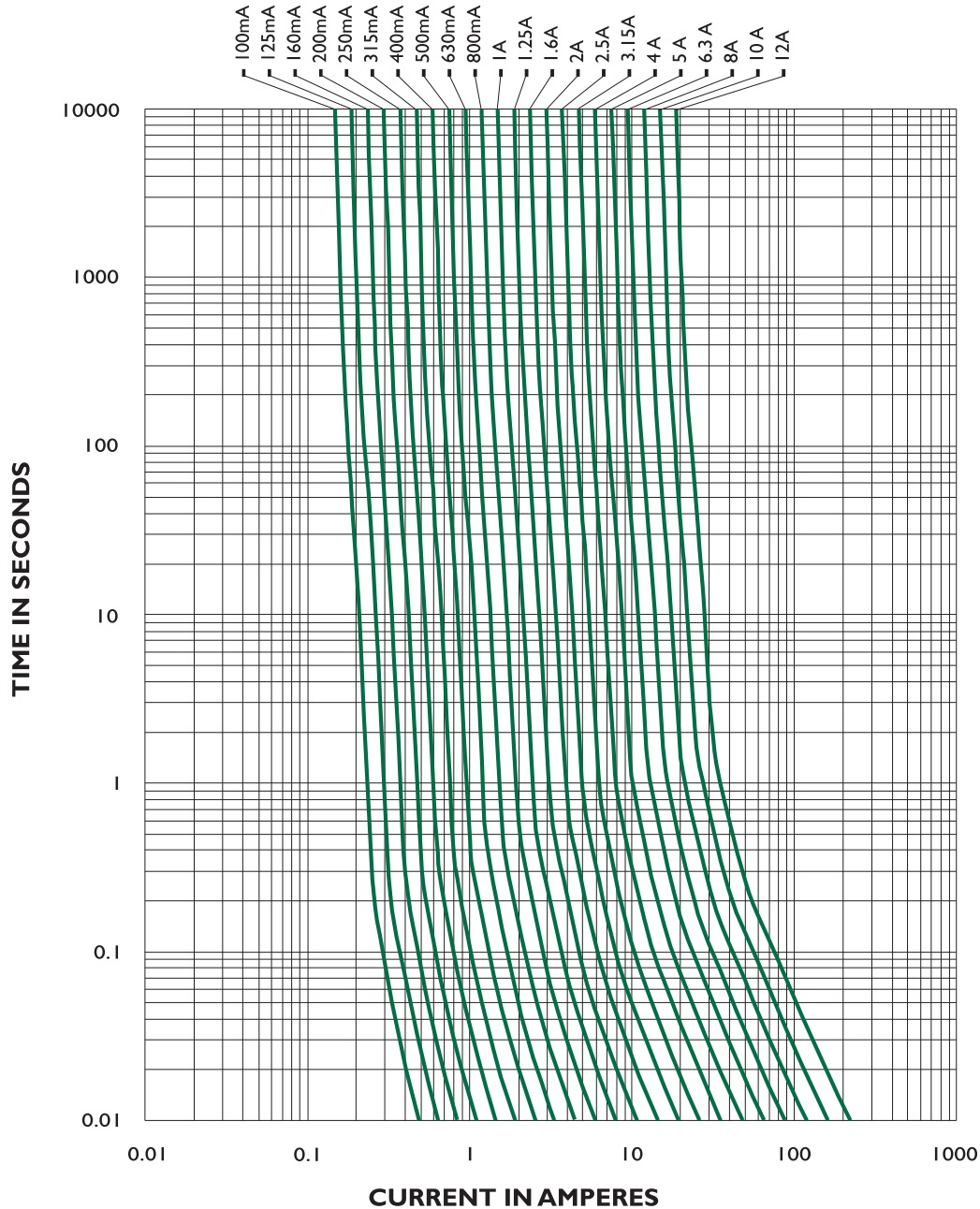
Quick-acting Fuse Series (High-Breaking Capacity)

5 x 20mm Ceramic Tube
RoHS 6 Compliant



5HFC0808

5HF / 5HFP - TIME CURRENT CHARACTERISTIC CURVE



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

Corporate Office

Bel Fuse Inc.
206 Van Vorst Street, Jersey City, NJ 07302
Tel: 201-432-0463
Fax: 201-432-9542
E-Mail: belfuse@belfuse.com
Website: www.belfuse.com

Far East Office

Bel Fuse Ltd.
8F/8 Luk Hop Street,
San Po Kong
Kowloon, Hong Kong
Tel: 852-2328-5515
Fax: 852-2352-3706

European Office

Bel Fuse Europe Ltd.
Preston Technology Management Centre
Marsh Lane, Preston PR1 8UG
Lancashire, U.K.
Tel: 44-1772-556601
Fax: 44-1772-888366