

ANTREX Electronics

Electronic Components Sourcing Information

Product Reference Information

Part Number: 5HF 500
Manufacturer: Bel Fuse Inc.
Package: Bulk
Availability: Please confirm with sales

Product Page:

<https://antrexco.com/product/details/bel-fuse-inc/5hf-500.html>

Request a Quote:

[Submit RFQ for this part](#)



Scan for product page

Contact Information

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Website: <https://antrexco.com>

Quality & Trust

New & Original Components

Supplier verification and packaging condition review

CoC / RoHS / REACH documents available on request

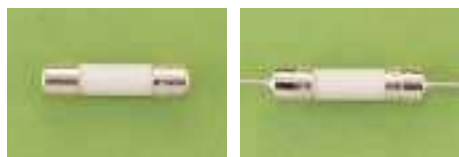
Secure sourcing support for OEM / EMS projects

Note:

This PDF includes an ANTREX product reference cover page.

The original manufacturer datasheet follows from the next page.

5HFD0903



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. E1262	1A - 6.3A / 250V AC@ 1,500A
Recognized File No. E20624 Acceptance File No. LR39772	
File No. JET1037-31003-1004, JET1037-31003-1005	1A - 5A / 250V AC@ 1,500A
Licence No. 2002010207021529	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 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:

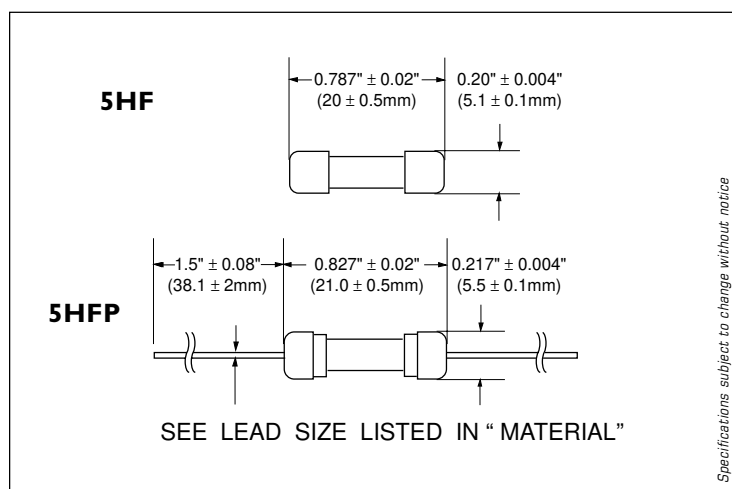
per EIA-296-E & IEC 286-1

@ 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 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

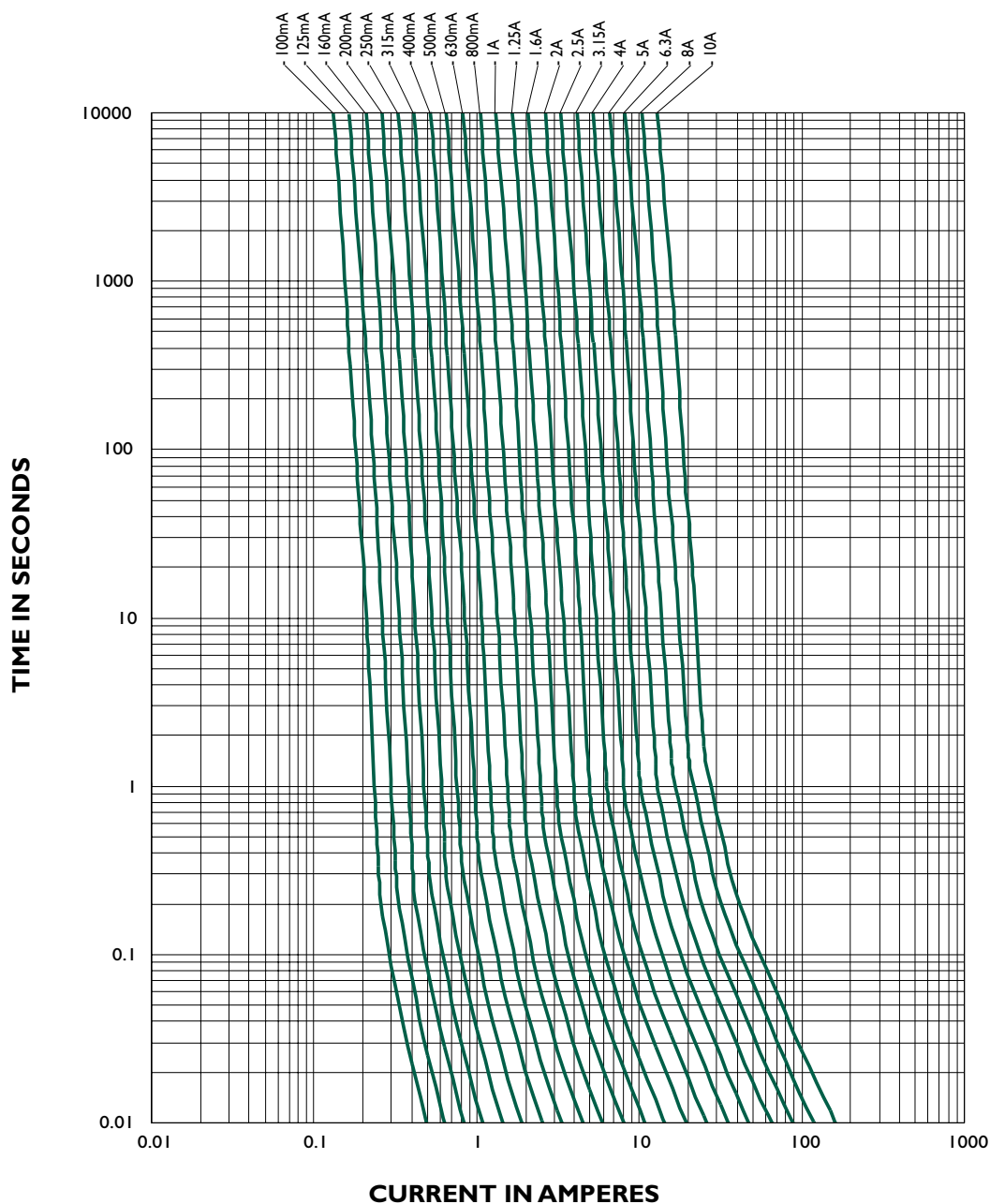
Consult manufacturer for other ratings

Mechanical Dimensions



ORDERING INFORMATION SEE PAGES 67 & 68

5HF / 5HFP - TIME CURRENT CHARACTERISTIC CURVE



Specifications subject to change without notice

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

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