

# 5HT 2 Datasheet



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DiGi Electronics Part Number	5HT 2-DG
Manufacturer	<a href="#">Bel Fuse Inc.</a>
Manufacturer Product Number	5HT 2
Description	FUSE CERAMIC 2A 250VAC 5X20MM
Detailed Description	2 A 250 V AC DC Fuse Cartridge, Ceramic Requires Holder 5mm x 20mm

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## Purchase and inquiry

Manufacturer Product Number:

5HT 2

Series:

5HT

Mounting Type:

Requires Holder

Current Rating (Amps):

2 A

Response Time:

Slow Blow

Breaking Capacity @ Rated Voltage:

1.5kA

Approval Agency:

CCC, CE, CSA, IMQ, PSE, SEMKO, UL, VDE

Color:

-

DC Cold Resistance:

0.07 Ohms

Manufacturer:

Bel Fuse Inc.

Product Status:

Obsolete

Fuse Type:

Cartridge, Ceramic

Voltage Rating - AC:

250 V

Package / Case:

5mm x 20mm

Melting I<sup>2</sup>t:

9.7

Operating Temperature:

-55°C ~ 125°C

Size / Dimension:

0.201" Dia x 0.787" L (5.10mm x 20.00mm)

## Environmental & Export classification

RoHS Status:

RoHS non-compliant

REACH Status:

REACH Unaffected

HTSUS:

8536.10.0040

Moisture Sensitivity Level (MSL):

Not Applicable

ECCN:

EAR99

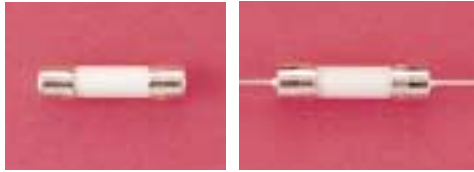


# Type 5HT / 5HTP

Time-lag Fuse Series (High - Breaking Capacity)

5 x 20mm Ceramic Tube

5HTD0903



### Electrical Characteristics (IEC-127-2 STANDARD SHEET 5)

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
1A to 3.15A	1	30	1	80	95	5	10	100		
4A and above	1	30	1	80	150	5	20	100		
	hr.	min.	sec	sec	ms	sec	ms	ms		

### Approvals

Safety Agency Approvals	Amp range / Volt @ I.R. ability
Certificate No. 9351184; 9431177 & 9447122 Licence No. 40000505 Certificate No. EI262	1A - 6.3A / 250V AC@ 1,500A
Recognized File No. E20624 Acceptance File No. LR39772	1A - 10A / 250V AC@ 1,500A
File No. JET1037-31003-1004, JET1037-31003-1005	1A - 5A / 250V AC@ 1,500A
Licence No. 2002010207021531	250mA - 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", "T", "Current Rating", "H", "250V", and "Appropriate Safety Logos"

On label:

Above info plus "5HT" or "5HTP", "CC", "CCC" and interrupting rating

Catalog Number	Ampere Rating	Typical Cold Resistance (ohm)	Volt-drop @ 100% I <sub>n</sub> (Volt) max.	Melting I <sup>2</sup> T < 10 mSec (A <sup>2</sup> Sec)	Melting I <sup>2</sup> T @ 10 In (A <sup>2</sup> Sec)	Maximum Power Dissipation (W)
5HT (P) 1	1A	0.20	0.25	1.7	1.7	0.73
5HT (P) 1.25	1.25A	0.14	0.22	3.0	3.2	0.81
5HT (P) 1.6	1.6A	0.10	0.19	5.4	5.9	0.91
5HT (P) 2	2A	0.07	0.17	9.7	11.0	1.0
5HT (P) 2.5	2.5A	0.05	0.15	17.4	20.3	1.1
5HT (P) 3.15	3.15A	0.037	0.13	31	38	1.2
5HT (P) 4	4A	0.026	0.1	56	69	1.4
5HT (P) 5	5A	0.019	0.1	101	128	1.5
5HT (P) 6.3	6.3A	0.013	0.1	181	237	1.7
5HT (P) 8	8A	0.009	0.1	330	439	2.7
5HT (P) 10	10A	0.007	0.1	601	812	2.9

Consult manufacturer for other ratings

### Packaging

1. In bulk:

5HT - 1,000 pcs per box; 5HTP - 500 pcs per box

2. On Axial Tape & Reel:

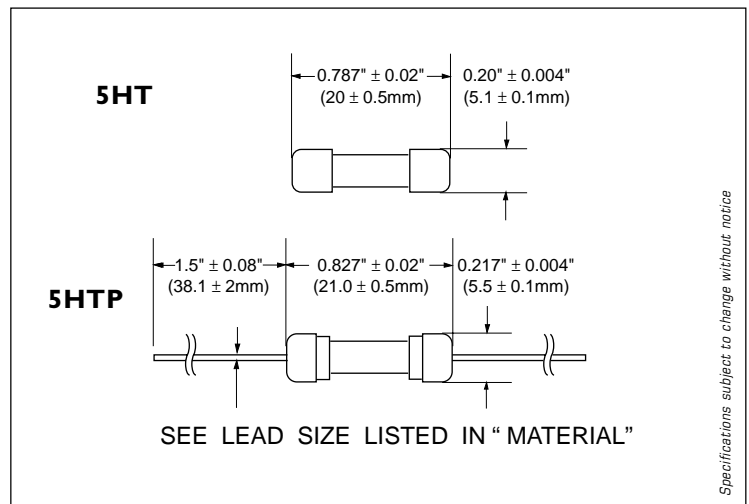
1,500 pcs per reel

3. Tape & Reel specification:

per EIA-296-E & IEC 286-1

@ 10mm Pitch and 63.5mm inside Tape Spacing

### Mechanical Dimensions



ORDERING INFORMATION SEE PAGES 67 & 68

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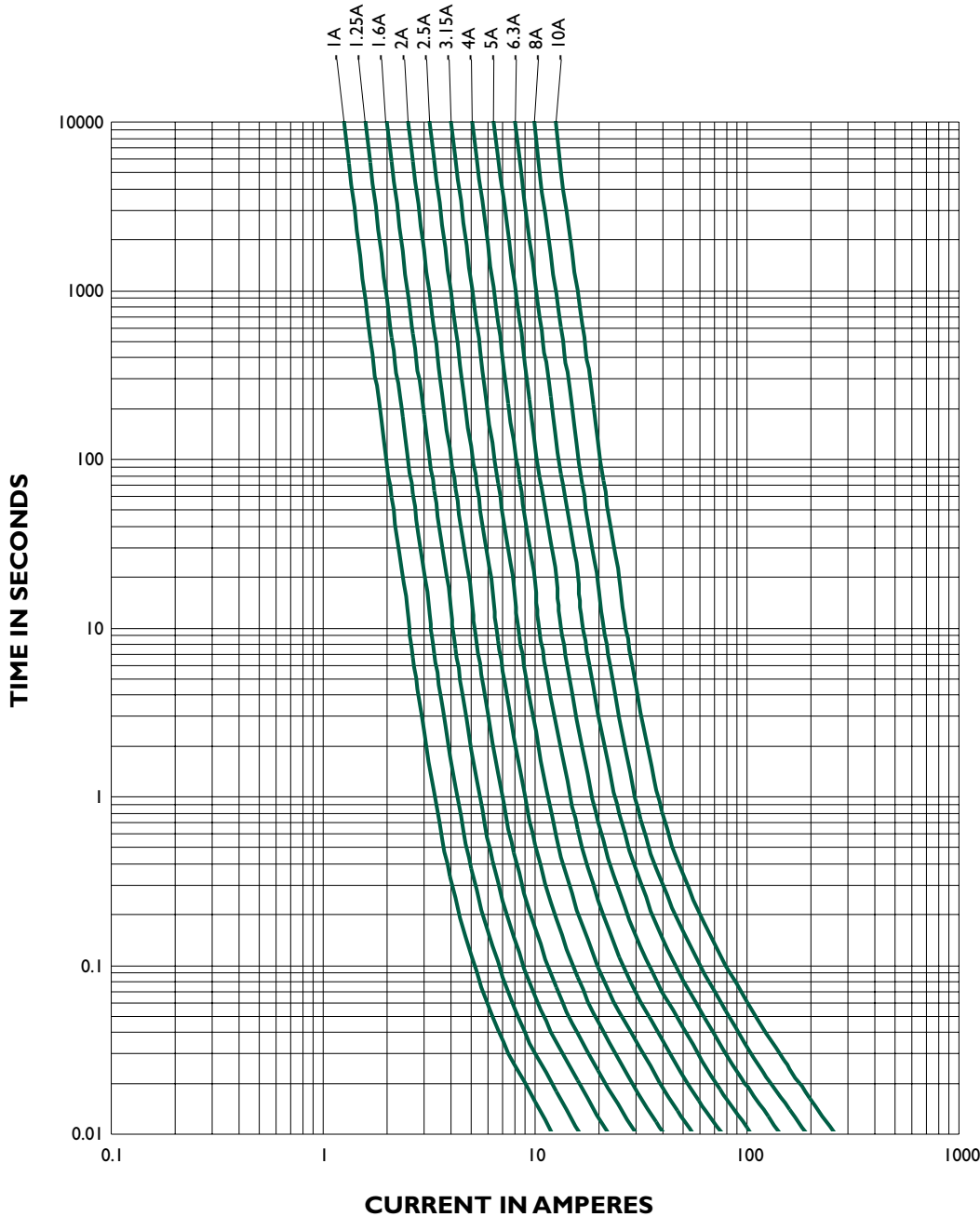


**Type 5HT / 5HTP**  
**Time-lag Fuse Series (High - Breaking Capacity)**

5 x 20mm Ceramic Tube

5HTC0801

**5HT / 5HTP - TIME CURRENT CHARACTERISTIC CURVE**



Specifications subject to change without notice

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

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