



600VAC/500VDC 5x20mm Fast  
Acting Ceramic Tube Fuses

DOC.NO.:  
ISS: 5HVA.xx

## INDIVIDUAL SPECIFICATION SHEET

**Product Name:** 600VAC/500VDC, 5x20mm, Fast Acting, Ceramic Tube Fuses

**Part Number:** 5HVA

**Revision:** A



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Rev.	Effective Date	Changed Contents
A	2020-10-22	New release

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PREPEARED BY

APPROVED BY

杨娟

李强

## Description

Fast Acting, high breaking capacity  
 5x20mm physical size  
 Ceramic tube, Silver plated copper cap construction  
 Designed to UL248-1  
 Lead Free and Halogen free material

Electrical Characteristics			
Rated Current	1.0 In	2.0 In	4.0 In
200mA-600mA	4 hour min	—	120 sec max
1A-20A	4 hour min	120 sec max.	—

## Specifications

Part No.	Specification					
	Rated Voltage AC	Rated Current	Breaking Capacity (A) AC	Typical Cold Resistance (mOhms)	Typical Voltage Drop (mV)	Typical Pre-Arcing I <sup>2</sup> t (A2Sec)
5HVA.0.4	600V	400mA	1000A	663	278	0.172
5HVA.0.5		500mA		382	190	0.287
5HVA.0.6		600mA		360	234	0.396
5HVA.1		1A		230	280	0.28
5HVA.1.6		1.6A	200A	148	310	2.56
5HVA.2		2A		100	248	1.68
5HVA.2.5		2.5A		90	360	1.48
5HVA.3.15		3.15A		49	215	4.86
5HVA.4		4A		38	220	8
5HVA.5		5A		29	200	16
5HVA.6		6A		24	150	30
5HVA.6.3		6A		19	162	48
5HVA.8		8A		14	149	64
5HVA.10		10A		12	166	90
5HVA.12		12A		9.5	160	130
5HVA.15		15A		7.3	165	225
5HVA.16		16A		6.8	164	256
5HVA.20		20A		5	150	520

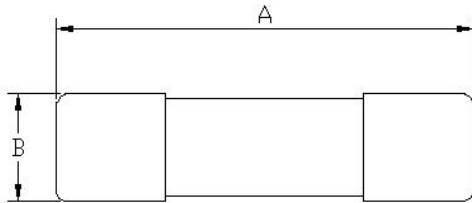
\* DC Cold Resistance are measured at <10% of rated current in ambient temperature of 25°C

\*Typical Pre-arcing I<sup>2</sup>t are measured at 10In Current

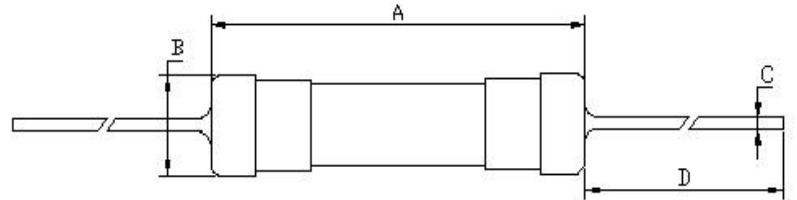
Dimension

5HVA.xx

5HVA.xx P

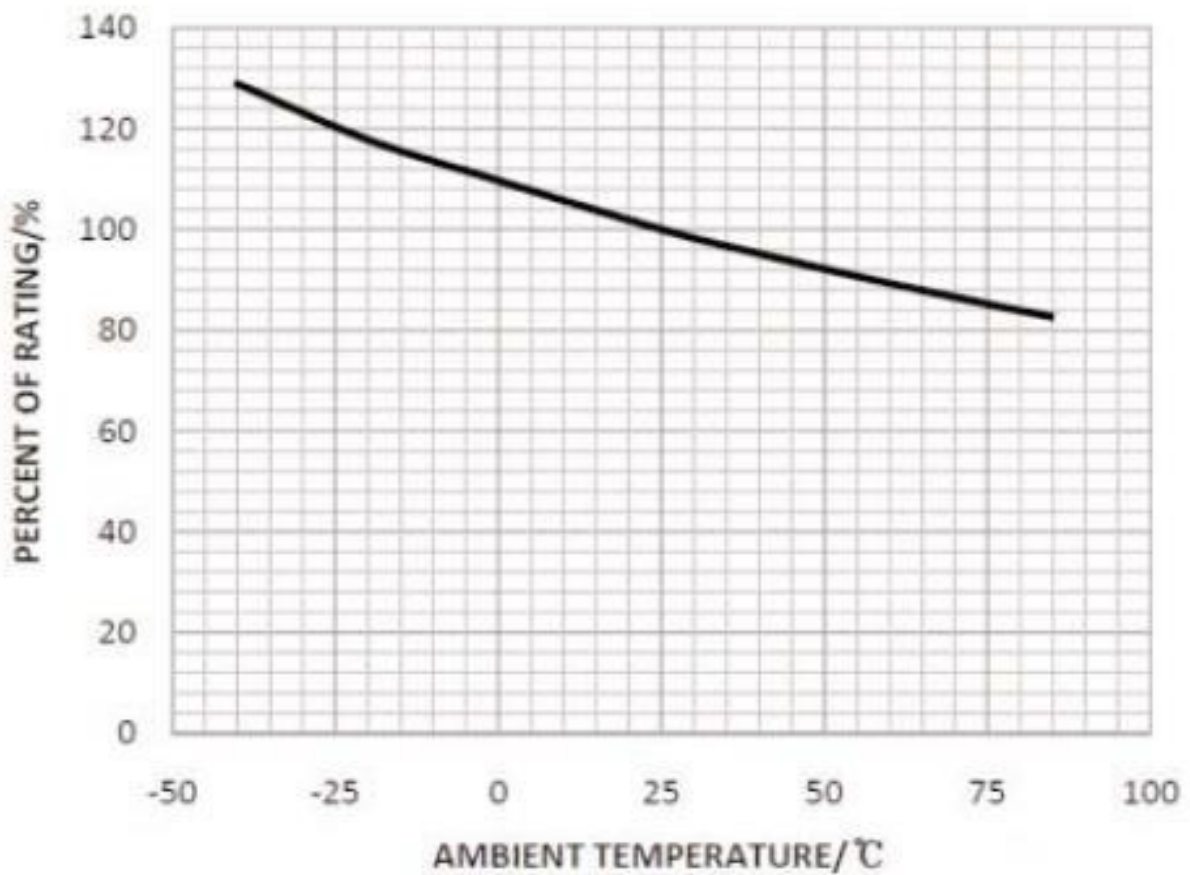


\*A=20±0.5  
\*B=∅ 5.2±0.2

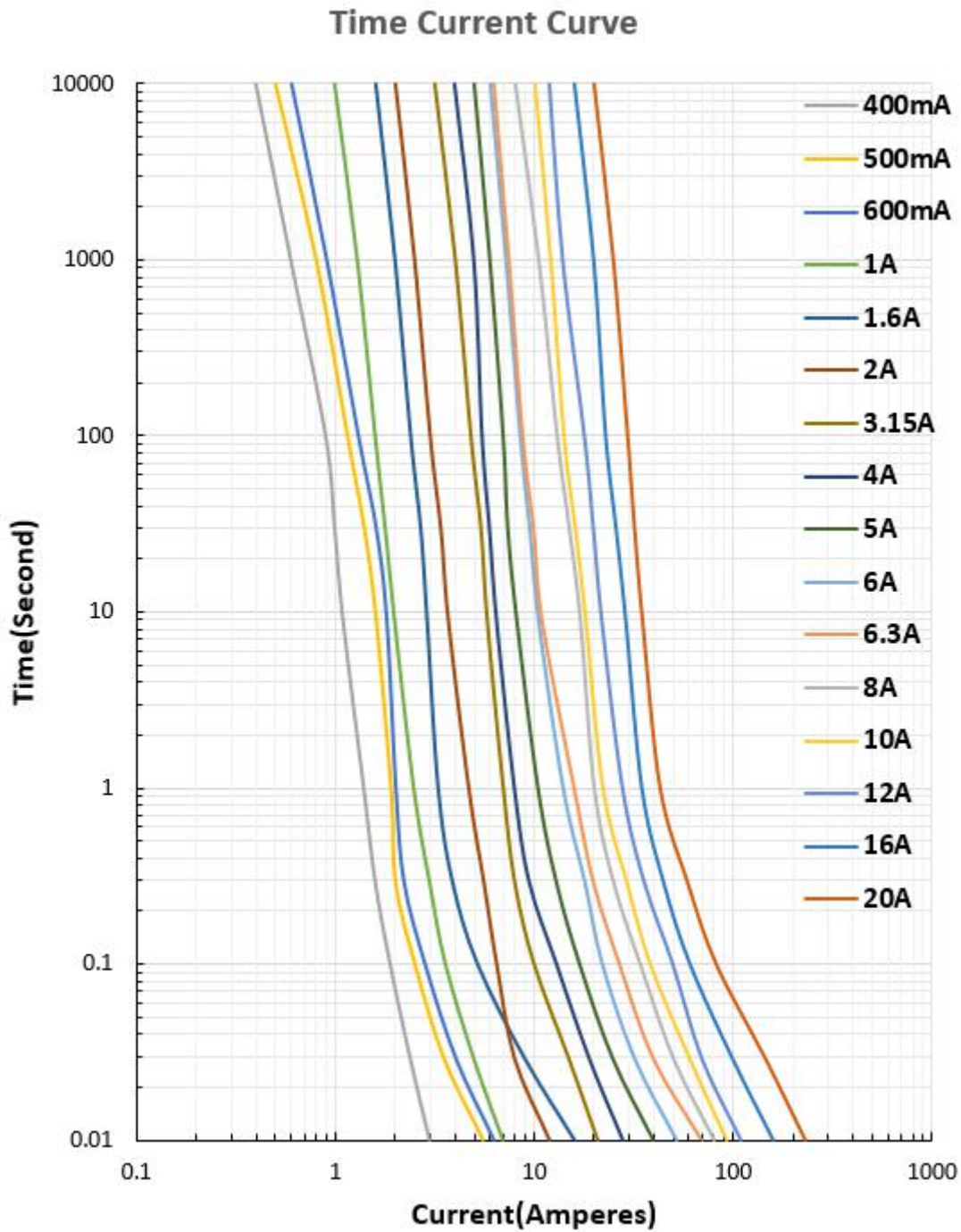


\*A=21±1.0  
\*B=∅ 5.5±0.2  
\*C=∅ 0.65±0.05 (6.3A以下)  
=∅ 0.8±0.05 (6.3A及以上)  
\*D=38±2

Temperature Derating Curve



### Time-Current Characteristics



#### Package

cylindrical :(1A-3A) 40 pcs in one carton; other ratings is 500 pcs in one bag

Leaded :100 pcs in one carton.