



1000VDC 6x30mm Fast  
Acting Ceramic Tube Fuses

DOC.NO.:  
ISS-6HVC Series

## INDIVIDUAL SPECIFICATION SHEET

**Product Name:** 1000VDC 6x30mm Fast Acting Ceramic Tube Fuses

**Part Number:** 6HVC Series

**Revision:** A



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Rev.	Effective Date	Changed Contents
A	2019-4-04	New release

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## Description

- Fast Acting, high breaking capacity under 1000VDC/AC
- 6x30mm physical size
- Special Engineering Material tube, Silver plated copper cap construction
- Designed to UL 248-1
- Lead Free and Halogen free material

Electrical Characteristics	
1.0In	4 hour Min.
2.5In	120 sec Max.

## Specifications

Specification										
Part No.	Rated Voltage		Rated Current	Breaking Capacity (A)		Typical Cold. Resistance	Typical Voltage Drop (mV)	Typical Pre-Arcing I <sup>2</sup> t (A <sup>2</sup> Sec)	Certification	
	DC	AC		DC	AC				UL	TUV
	6HVC.0.2	1000V		1000V	200mA				10KA	10KA
6HVC.0.25	250mA		2755		850	0.009	•	•		
6HVC.0.315	315mA		1875		900	0.050	•			
6HVC.0.4	400mA		1845		860	0.059	•	•		
6HVC.0.5	500mA		1160		600	0.081	•	•		
6HVC.0.6	600mA		1030		550	0.178	•	•		
6HVC.0.8	800mA		530		510	0.256	•	•		
6HVC.1	1A		450		560	0.21	•			
6HVC.1.25	1.25A		260		550	3	•			
6HVC.1.6	1.6A		165		350	3.72	•			
6HVC.2	2A		150		400	1.5	•			
6HVC.2.5	2.5A		88		300	4.5	•			
6HVC.3	3A		60		270	7.54	•			

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

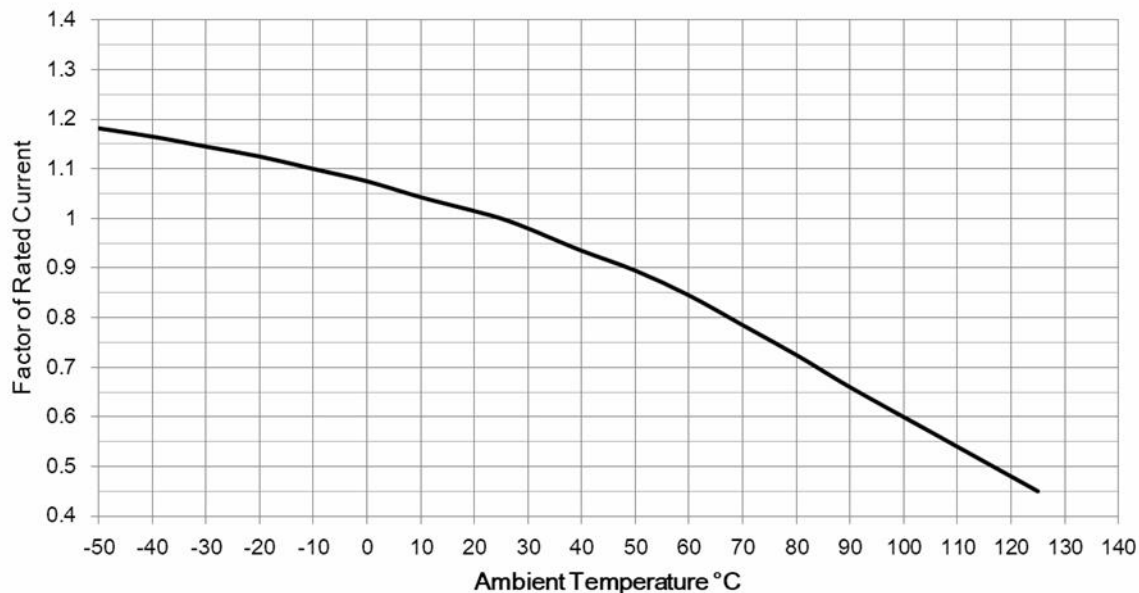
\* Typical Pre-arcing I<sup>2</sup>t are measured at 10In Current

\*\* For current rating other than above, please contact ASTM.





Temperature Re-rating curve 温度调额曲线



Package 包装

Cartridge: 200mA – 1.6A: 20pcs per carton, 240pcs per box;

2A – 3A : 250pcs per box.

With lead wire: 75pcs per box