



**660VAC/DC 6x32mm Fast
Acting Ceramic Tube Fuses**

**DOC.NO.:
ISS-6HVA Series**

INDIVIDUAL SPECIFICATION SHEET

Product Name: 660VAC/DC, 6x32mm, Fast Acting, Ceramic Tube Fuses

Part Number: 6HVA Series

Revision: A



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Rev.	Effective Date	Changed Contents
A	2020-07-21	New release

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PREPARED BY

APPROVED BY

Description

- Fast Acting, high breaking capacity under 660Vac/dc
- 6x32mm 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								
	Rated Voltage		Rated Current	Breaking Capacity		Typical Cold. Resistance (mOhms)	Typical Voltage Drop (mV)	Typical Pre-Arcing I²t (A²Sec)
	DC	AC		DC	AC			
6HVA.0.5	660V		500mA	10000A		1060	616	0.0875
6HVA.0.6			600mA			1035	765	0.072
6HVA.0.8			800mA			700	660.9	0.256
6HVA.1			1A			450	553	0.23
6HVA.1.6			1.6A			160	307	0.89
6HVA.2			2A			155	381	1.28
6HVA.2.5			2.5A			89	275	3.91
6HVA.3			3A			64	218	7.74
6HVA.3.15			3.15A			60	230	9.92
6HVA.4			4A			44	223	15.50
6HVA.5			5A			33	221	26.50
6HVA.6			6A			26	214	41.76
6HVA.8			8A			18	203	76.80
6HVA.10			10A			16.4	258	123.00
6HVA.12			12A			12.8	233	187.20

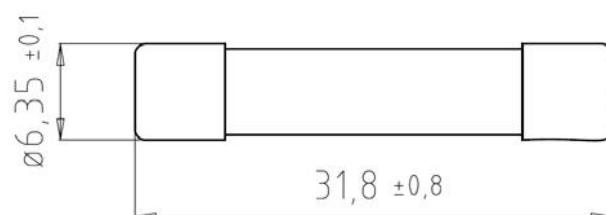
* DC Cold Resistance are measured at <10% of rated current in ambient temperature of 25°C

* Typical Pre-arcing I²t are measured at 10In Current

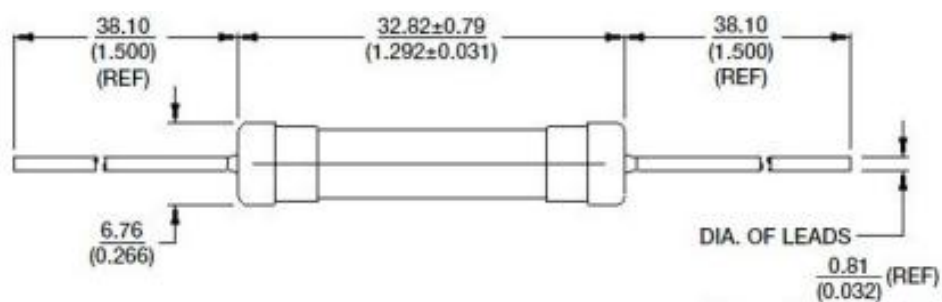
** For current rating other than above, please contact TCL Electronic.

Dimension

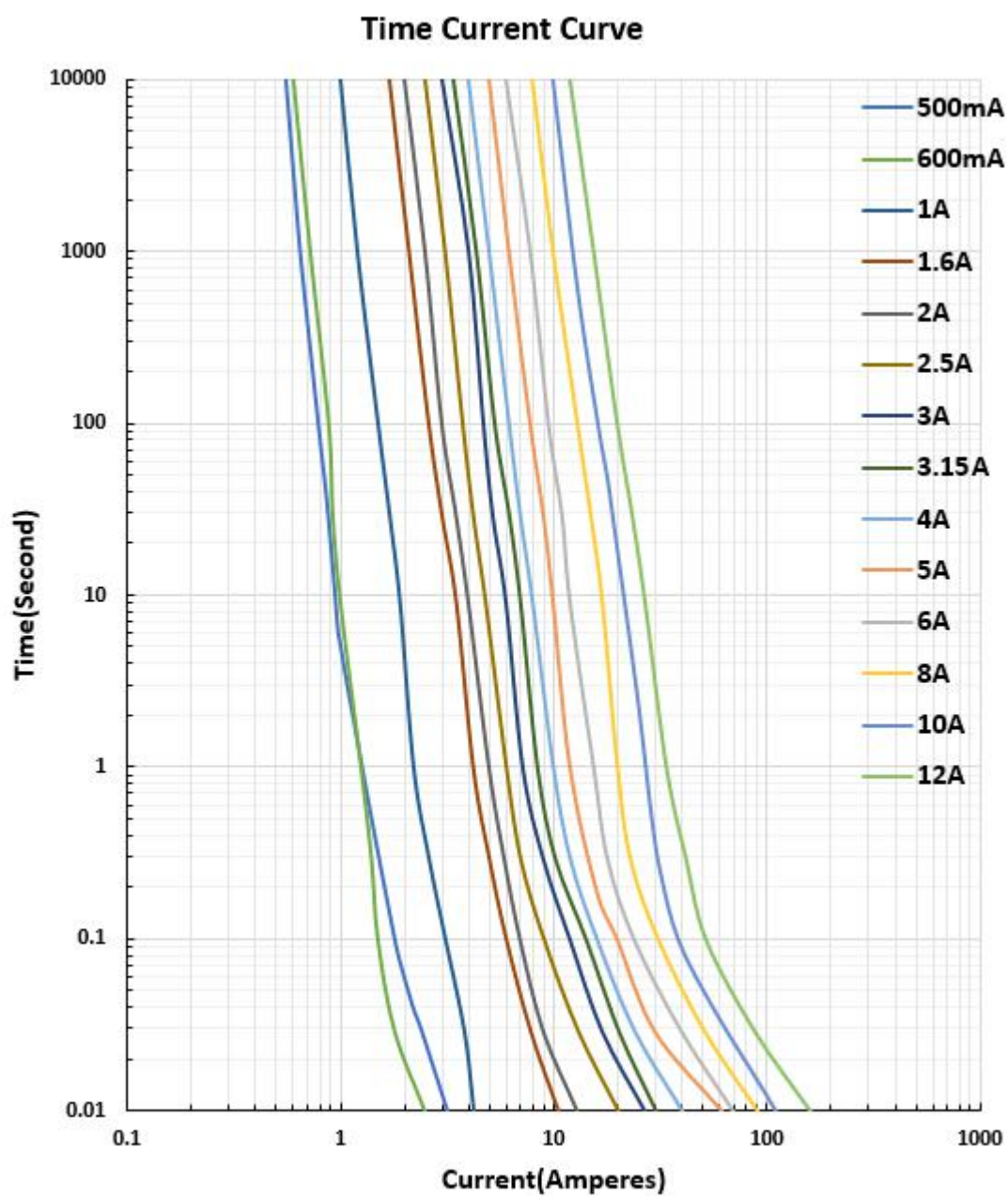
6HVA.xxx



6HVA.xxxP



Time Current Curve



Package

Cylindrical: 1.6A and below - 20pcs in one carton; Other ratings - 250 pcs in one bag.

Leaded: 75 pcs in one carton.