

# 1000VDC/AC 6x30MM FAST ACTING CERAMIC TUBE FUSES

## STHV620 Series

### 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

Part No.	Rated Voltage		Rated Current	Breaking Capacity (A)		Typical Cold. Resistance (mOhms)	Typical Voltage Drop (mV)	Typical Pre-Arcing I <sup>2</sup> t (A <sup>2</sup> Sec)
	DC	AC		DC	AC			
STHV620.0.2	1000V	1000V	200mA	10KA	10KA	3900	916	0.0031
STHV620.0.25			250mA			2755	850	0.009
STHV620.0.315			315mA			1875	700	0.050
STHV620.0.4			400mA			1500	660	0.059
STHV620.0.5			500mA			970	600	0.081
STHV620.0.6			600mA			750	550	0.178
STHV620.0.8			800mA			560	510	0.256
STHV620.1			1A			390	560	0.21
STHV620.1.25			1.25A			300	550	3
STHV620.1.6			1.6A			180	350	3.72
STHV620.2			2A			110	400	1.5
STHV620.2.5			2.5A			80	300	4.5
HV620.3			3A			60	270	7.54

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

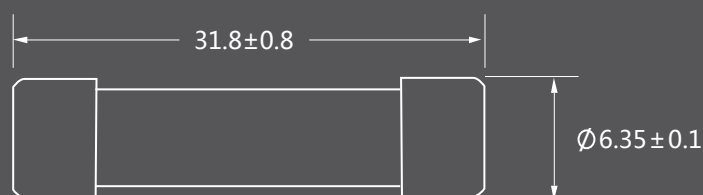
\* Typical Pre - arcing I<sup>2</sup>t are measured at 10 In Current

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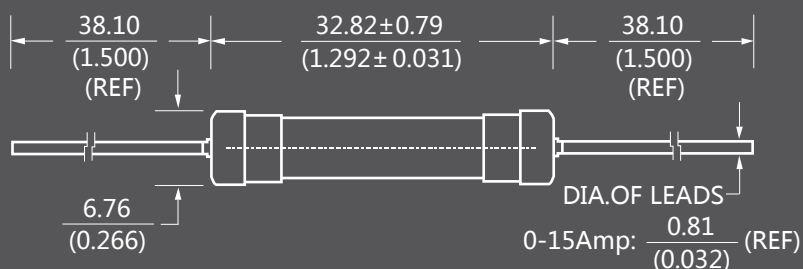
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Dimension (mm)

STHV620.xxx



STHV620.xxxP



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Time - Current Curve

