



600VAC/DC, 6x30mm, Fast Acting, Ceramic Tube Fuses  
HV610 Series, For Digital Measuring Instruments



E355868

## Description

Fast Acting, high breaking capacity under 600Vac/dc  
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 (mOhms)	Typical Voltage Drop (mV)	Typical Pre-Arcing I <sup>2</sup> t (A <sup>2</sup> Sec)
	DC	AC		DC	AC			
HV610.0.2	600V		200mA	10kA		3900	850	0.003
HV610.0.25			250mA			2755	828	0.009
HV610.0.315			315mA			1900	568	0.030
HV610.0.4			400mA			1875	890	0.038
HV610.0.5			500mA			1160	616	0.041
HV610.0.6			600mA			1035	765	0.072
HV610.1			1A			450	553	0.23
HV610.1.6			1.6A			160	307	0.89
HV610.2			2A			155	381	1.28
HV610.2.5			2.5A			89	275	3.91
HV610.3			3A			64	218	7.74
HV610.3.15			3.15A			60	230	9.92
HV610.4			4A			44	223	15.50
HV610.5			5A			33	221	26.50
HV610.6			6A			26	214	41.76
HV610.8			8A			18	203	76.80
HV610.10			10A			16.8	242	101.40
HV610.12	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 I<sup>2</sup>t are measured at 10In Current

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



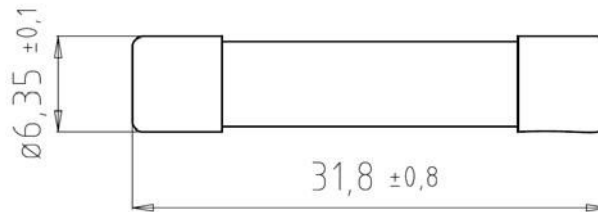
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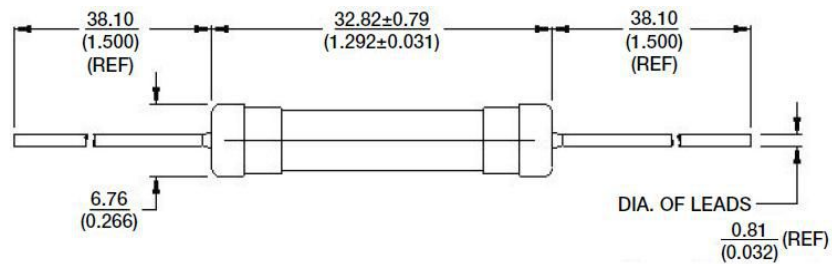
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### Dimension

HV610.xxx



HV610.xxxP



### Package

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

Leaded: 75 pcs in one carton.



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Time Current Curve

