

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

Description

- ▶ Fast Acting, high breaking capacity under 600VDC/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

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

Specifications

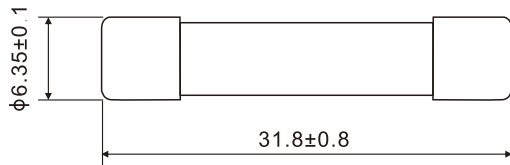
Specification								
Part No.	Rated Voltage		Rated Current	Breaking Capacity (A)		Typical Cold Resistance (mOhms)	Typical Voltage Drop (mV)	Typical Pre-Arcing I ² t(A ² Sec)
	DC	AC		DC	AC			
HV610.0.2	600V	600V	200mA	10KA	10KA	1830	780	0.0031
HV610.0.25			250mA			1760	760	0.009
HV610.0.4			400mA			1650	700	0.059
HV610.0.5			500mA			1290	650	0.081
HV610.0.6			600mA			1020	600	0.178
HV610.1			1A			390	560	0.21
HV610.1.25			1.25A			300	550	3
HV610.1.6			1.6A			180	350	3.72
HV610.2			2A			110	360	1.5
HV610.2.5			2.5A			80	300	4.5
HV610.3			3A			60	270	7.54
HV610.3.15			3.15A			50	250	12.66
HV610.4	4A	40	230	15.8				
HV610.5	5A	30	200	30				
HV610.6	6A	20	186	84.5				
HV610.8	8A	17	175	75				
HV610.10	10A	16	170	97.7				
HV610.12	12A	9	160	149				

- ▶ DC Cold Resistance are measured at <10% of rated current in ambient temperature of 25°C
- ▶ Typical Pre-arching I²t are measured at 10In Current

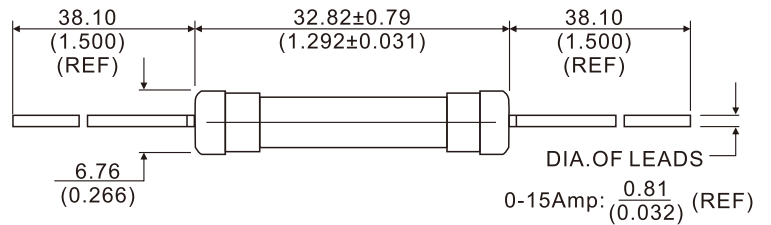
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Dimension

HV610.XXX



HV610.XXP



Time Current Curve

