

## 600V/500V, 5x20mm, Time Delay, Ceramic Tube Fuses

### HV520 Series



B180601319003

E355868

### Description

- Time Delay, high breaking capacity
- 5x20mm physical size
- Ceramic tube, Silver plated copper cap construction
- Lead Free and Halogen free material

Electrical Characteristics						
Rated Current	1.5In	2.1In	2.75In	3.0In	4.0In	10.0In
< 1A	1 hour min.	N/A	N/A	120sec max	N/A	N/A
1A - 3.15A	1 hour min.	30min. max.	750ms – 80sec	N/A	95ms – 5sec	10ms – 150ms
4A - 6.3A	1 hour min.	30min. max.	750ms – 80sec	N/A	150ms – 5sec	10ms – 150ms
8A - 20A	30min. min.	30min. max.	750ms – 80sec	N/A	150ms – 8sec	10ms – 150ms

### Specifications

Part No.	Specification						Certification *				
	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)	cURus	TUV
	AC	DC		600Vac	400Vdc	500Vdc					
HV520.0.5	600V	400V 500V	500mA	200A	2000A	300A	382	190	0.287	•	
HV520.0.63			630mA				359	261	0.34	•	
HV520.0.8			800mA				175	144	1.18	•	
HV520.1			1A				210	250	1.4	•	•
HV520.1.25			1.25A				134	138	2.34	•	
HV520.1.6			1.6A				100	180	3.9	•	•
HV520.2			2A				65	158	9.4	•	•
HV520.2.5			2.5A				34	93	12.5	•	
HV520.3.15			3.15A				28	110	17.8	•	•
HV520.4			4A				24	118	25	•	•
HV520.5			5A				17	104	50	•	•
HV520.6.3			6.3A				13	100	80	•	•
HV520.8			8A				9	85	179	•	•
HV520.10			10A				7.6	90	400	•	•
HV520.12			12A				6	80	576	•	○
HV520.15			15A				4.3	75	900	•	○
HV520.16			16A				3.7	68	1024	•	○
HV520.20			20A				3.3	75	1600	•	○

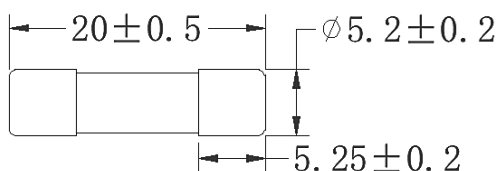
\* DC Cold Resistance are measured at <10% of rated current in ambient temperature of 25°C

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

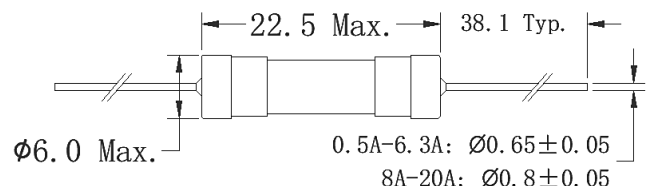
\* 12A-20A TUV certification is on-going.

### Dimension

HV520.xx



HV520.xxP



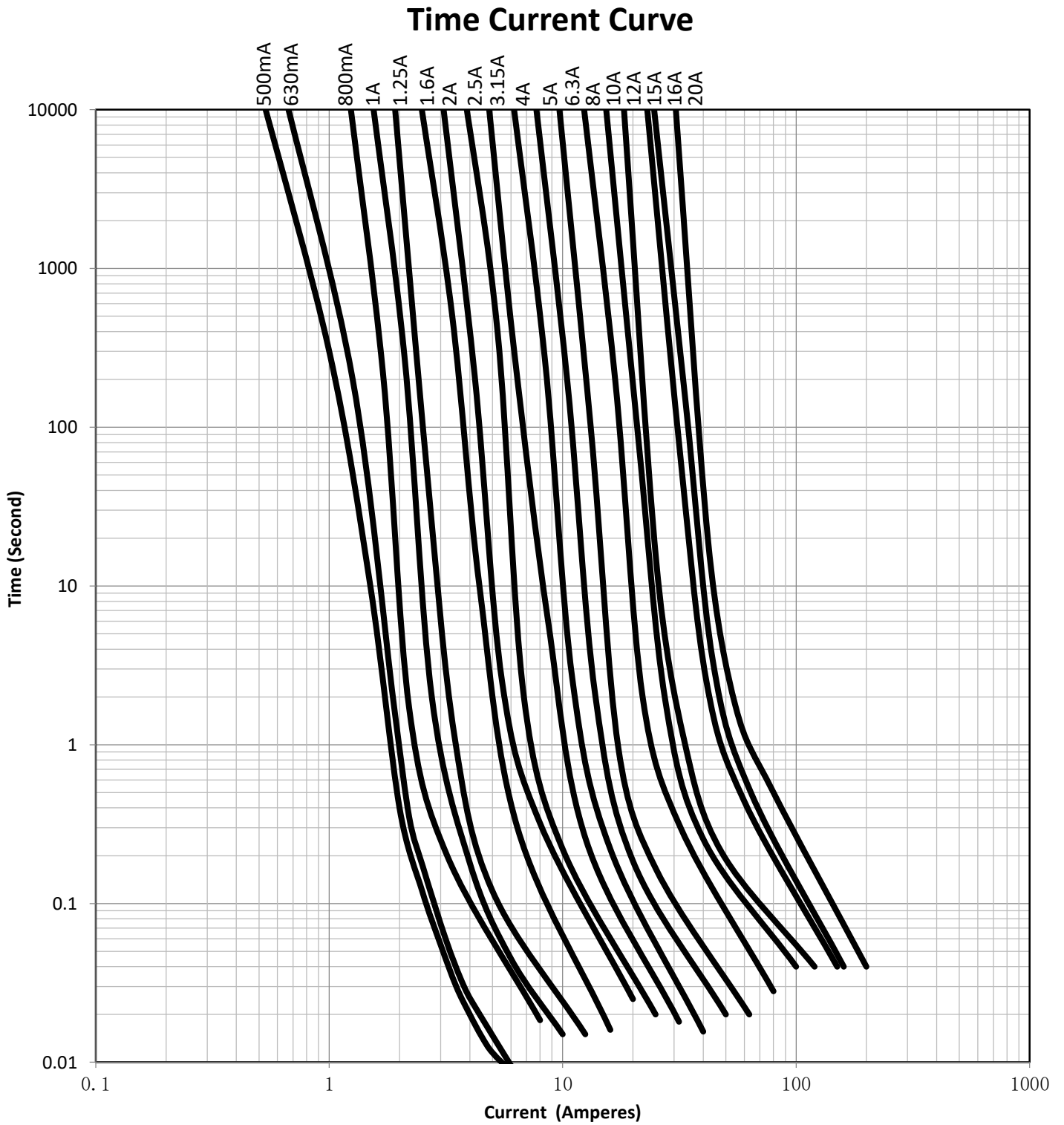
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Time-Current Characteristics



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Temperature Rerating Curve 温度调额曲线

Operating Temperature: -40°C to +125°C, with proper rerating factor applied

