



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

HV520 Series



**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

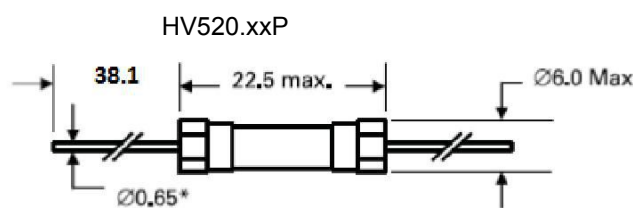
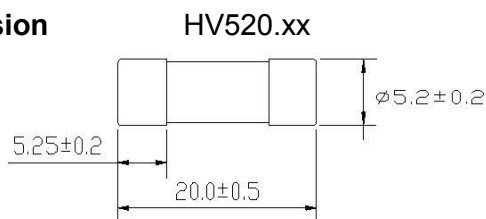
**Specifications**

Part No.	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)
	AC	DC		600Vac	400Vdc	500Vdc			
	HV520.0.5	600V		400V/500V	500mA	200A			
HV520.0.63	630mA		359		261		0.34		
HV520.0.8	800mA		175		144		1.18		
HV520.1	1A		139		146		1.55		
HV520.1.25	1.25A		134		138		2.34		
HV520.1.6	1.6A		57		105		4.10		
HV520.2	2A		55		130		10		
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

**Dimension**



\* Ratings above 6.3A have a maximum 0.81mm diameter



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Time-Current Characteristics

