

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
- ▶ Designed to IEC 60127-2, Standard Sheet 5
- ▶ Lead Free and Halogen free material



Electrical Characteristics

Electrical Characteristics					
Rated Current	1.5In	2.1In	2.75In	4.0In	10.0In
<800mA	1 hour min	30min.max	250ms-80sec	50ms-5sec	5ms-150ms
Above800mA-3.15A	1 hour min	30min.max	750ms-80sec	95ms-5sec	10ms-150ms
Above3.15A-6.3A	1 hour min	30min.max	750ms-80sec	150ms-5sec	10ms-150ms
Above6.3-20A	30 hour min	30min.max	750ms-80sec	150ms-5sec	10ms-150ms

Specifications

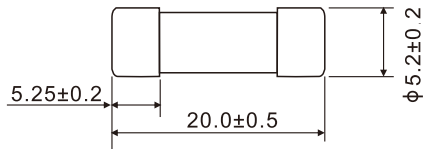
Specification									
Part No.	Rated Voltage		Rated Current	Breaking Capacity (A)			Typical Cold. Resistance (mOhms)	Typical Voltage Drop (mV)	Typical Pre-Arcing I ² t(A ² Sec)
	AC/DC			600	400	500			
HV520.0.5	600V	400V/ 500V	500mA	200A	2000A	300A	450	250	0.15
HV520.0.6.3			630mA				300	210	0.32
HV520.0.8			800mA				220	190	0.5
HV520.1			1A				140	180	0.8
HV520.1.25			1.25A				120	170	3.125
HV520.1.6			1.6A				65	140	12.8
HV520.2			2A				60	135	12
HV520.2.5			2.5A				50	130	20
HV520.3.15			3.15A				30	120	29.8
HV520.4			4A				27	110	41.6
HV520.5			5A				17	100	50
HV520.6.3			6.3A				13	75	79.4
HV520.8			8A				8.8	70	180
HV520.10			10A				7	68	400
HV520.12			12A				5.5	68	576
HV520.15			15A	4	65	759			
HV520.16			16A	3.5	65	948			
HV520.20			20A	2.8	60	1600			

- ▶ 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

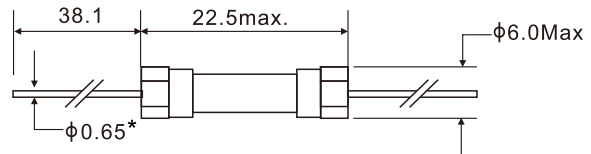
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Dimension

HV520.xx



HV520.xxP



*Ratings above 6.3A have a maximum 0.81mm diameter

Time Current Curve

