

300VAC/DC, 5x20mm, Fast Acting, Ceramic Tube Fuses

MV510 Series

Description

- Fast Acting, medium breaking capacity
- 5x20mm physical size
- Ceramic tube, Silver plated outer cap construction
- Designed to UL248-1
- Lead Free and Halogen free material



Electrical Characteristics			
Rated Current	1.0In	2.0In	4.0In
200mA – 600mA	4 hour min.	—	120 sec max.
1A–20A	4 hour min.	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)
	AC	DC		AC	DC			
MV510.0.2	300V	300V	200mA	3000A	3000A	1750	333	0.032
MV510.0.4			400mA			663	278	0.172
MV510.0.5			500mA			382	190	0.287
MV510.0.6			600mA			360	234	0.396
MV510.1			1A			230	280	0.28
MV510.1.6			1.6A			148	310	2.56
MV510.2			2A			100	248	1.68
MV510.2.5			2.5A			90	360	1.48
MV510.3.15			3.15A			49	215	4.86
MV510.4			4A			38	220	8
MV510.5			5A			29	200	16
MV510.6			6A			24	150	30
MV510.6.3			6.3A			19	162	48
MV510.8			8A			14	149	64
MV510.10			10A			12	166	90
MV510.12			12A	300A		9.5	160	130
MV510.15			15A			7.3	165	225
MV510.16			16A			6.8	164	256
MV510.20			20A			5	150	520

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

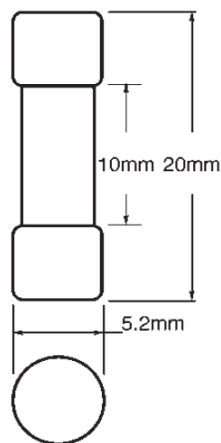
* Typical Pre-arcing I²t are measured at 10In Current

300VAC/DC, 5x20mm, Fast Acting, Ceramic Tube Fuses

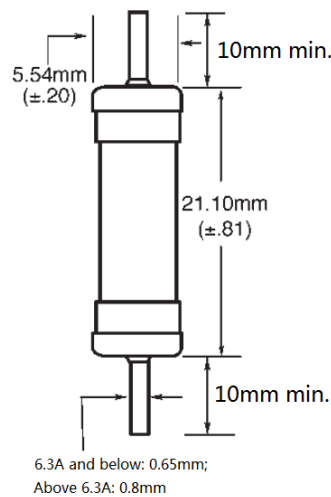
MV510 Series

Dimension

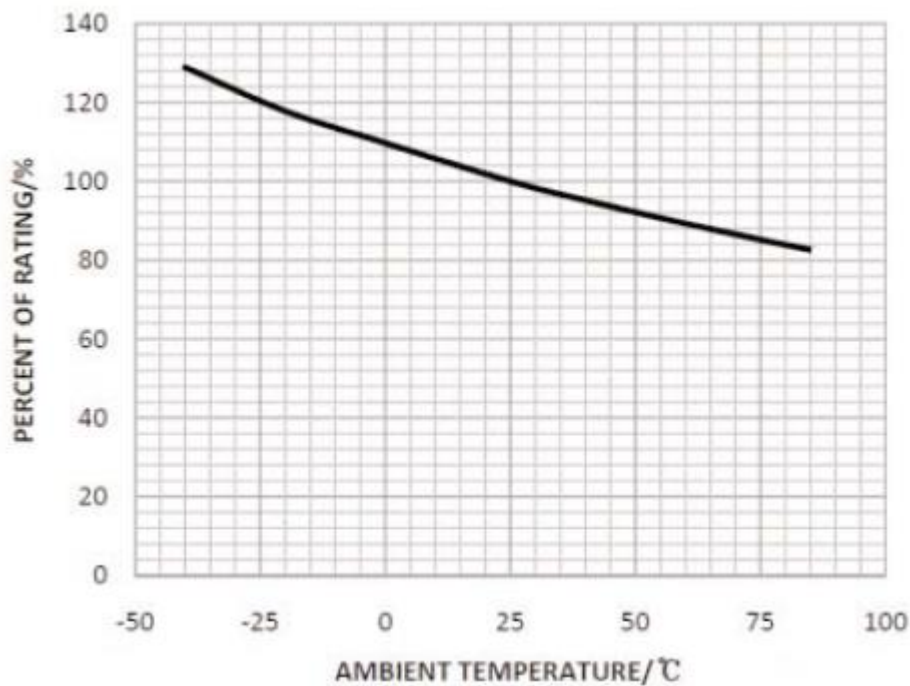
MV510.xxx



MV510.xxxP



Temperature Derating Curve



Package

cylindrical :(1A-3A) 40 pcs in one carton; other ratings is 500 pcs in one bag.

Leaded :100 pcs in one carton.

300VAC/DC, 5x20mm, Fast Acting, Ceramic Tube Fuses

MV510 Series



Time-Current Characteristics

