

**LP16-500**

*R-line resettable fuses*

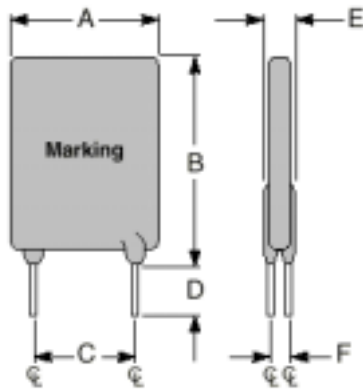
**Features**

- Radial leaded devices
- Faster tripping, typical application in micro-motors for automobiles
- Protecting against overcurrent and overtemperature faults
- Agency Recognition: UL、CSA、TUV

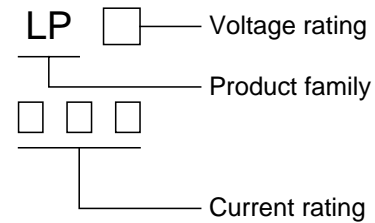


**Product Dimensions (mm)**

Part number	A	B	C	D	E	F	Lead
	Max.	Max.	Typ.	Min.	Max.	Typ.	Size( )
LP16-500	11.1	13.9	5.1	7.6	3.0	1.2	0.8



**Marking system**



\* Lead materials: Tin-plate metal wire.

\* Lead-free devices are available,  
the right logo is lead-free mark of wayon.



**Electrical Characteristics**

Part number	$I_H$ (A)	$I_T$ (A)	$T_{trip}$ (S)	$V_{max}$ (V)	$I_{max}$ (A)	$Pd_{typ}$ (W)	$R_{min}$ ( )	$R_{max}$ ( )
LP16-500	5.0	8.5	3.6	16	100	2.6	0.014	0.044

$I_H$ =Hold current: maximum current at which the device will not trip at 25 still air.

$I_T$ =Trip current: minimum current at which the device will always trip at 25 still air.

$T_{trip}$ =Maximum time to trip at 5 times hold current.

$V_{max}$ =Maximum voltage device can withstand without damage at rated current.

$I_{max}$ =Maximum fault current device can withstand without damage at rated voltage.

$Pd_{typ}$ =Typical power dissipation: typical amount of power dissipated by the device when in state air environment.

$R_{min}$ =Minimum device resistance at 25 prior to tripping.

$R_{1max}$ =Maximum device resistance at 25 measured 1 hour post trip.

**Thermal Derating Chart- $I_H$ (A)**

Part number	Maximum ambient operating temperatures( )								
	-40	-20	0	25	40	50	60	70	85
LP16-500	5.9	5.3	4.8	4.0	3.5	3.2	2.8	2.5	1.49

**Package Information**

Bulk: 1000pcs per bag.

Tape & Reel: 1500pcs per reel.