

**Polymer  
PTC Devices**

*R-line resettable fuses*

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**LP16-900**

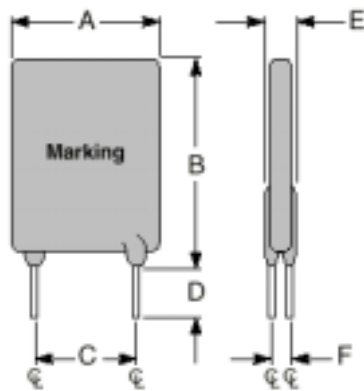
**Features**

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

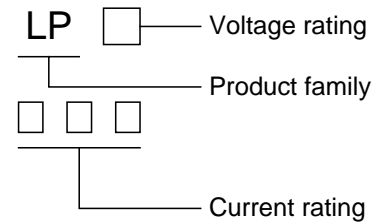


**Product Dimensions (mm)**

Part number	A	B	C	D	E	F	Lead
	Max.	Max.	Typ.	Min.	Max.	Typ.	Size( )
LP16-900	14.7	21.4	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)	$R_{min}$ ( )	$R_{max}$ ( )
LP16-900	9.0	15.3	12.0	16	100	3.3	0.004	0.015

$I_H$ =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
LP16-900	13.2	11.9	10.7	9.0	7.9	7.2	6.4	5.6	4.2

**Package Information**

Bulk: 1000pcs per bag.

Tape & Reel: 1500pcs per reel.