

**Polymer  
PTC Devices**

*R-line resettable fuses*

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**LP75-050**

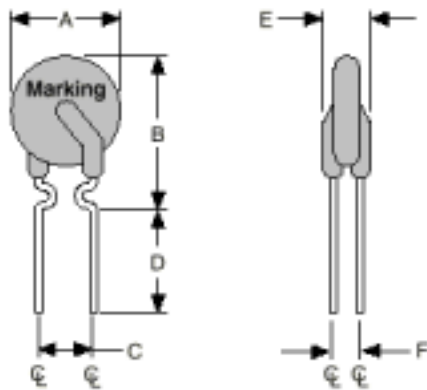
**Features**

- Radial leaded devices, higher rated voltage of 75V
- Cured, flame retardant epoxy polymer insulating material meets UL94 V-0 requirements
- Agency Recognition: UL、CSA、TUV

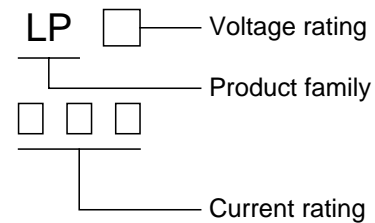


**Product Dimensions (mm)**

Part number	A	B	C	D	E	F	Lead
	Max.	Max.	Typ.	Min.	Max.	Typ.	Size( )
LP75-050	7.9	13.7	5.1	7.6	3.1	1.1	0.6



**Marking system**



\* Lead materials: Tin-plate metal wire.

\* Lead-free devices are available,

the 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)	$R_{min}$ ( )	$R_{max}$ ( )
LP75-050	0.50	1.00	4.0	75	40	0.80	0.41	0.77

$I_H$ =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.

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

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

$Pd_{typ}$ =Power dissipation: typical amount of power dissipated by the device when in tripped state in 25 still air.

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

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

Part number	Maximum ambient operating temperatures( )								
	-40	-20	0	25	40	50	60	70	85
LP75-050	0.83	0.74	0.63	0.50	0.41	0.36	0.30	0.25	0.18

**Package Information**

Bulk: 1000pcs per bag.

Tape & Reel: 3000pcs per reel.