

**Polymer  
PTC Devices**

*Strap resettable fuses*

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**LP-CW170**

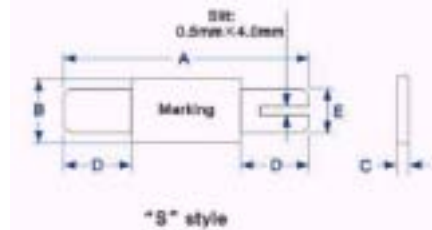
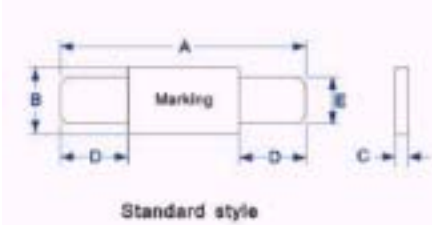
**Features**

- Strap devices, Axial leaded, Very low initial resistance
- Low switching temperature, Provides overcurrent protection with 90 °C trip temperature
- Protection for NiCd/NiMH rechargeable battery packs, Li-ion /Polymer Li-ion battery
- Available in lead-free version
- Agency recognition: UL、CSA、TUV

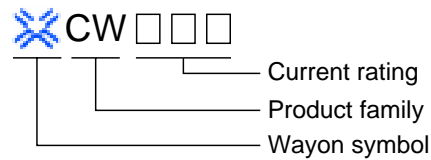


**Product Dimensions (mm)**

Part number	A		B		C		D		E	
	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
LP-CW170	15.4	17.5	7.0	7.4	0.5	0.8	4.0	6.2	3.9	4.1



**Marking system**



- \* Lead materials: Nickel.
- \* Insulating material: Polyester tape.
- \* Lead-free devices are available, the right logo is lead-free mark of wayon.



**Electrical Characteristics**

Part number	$I_H$	$I_T$	$T_{trip}$		$V_{max}$	$I_{max}$	$R_{min}$	$R_{max}$
	(A)	(A)	Current(A)	Time(S)	(V)	(A)	( )	( )
LP-CW170	1.70	3.40	8.50	3.0	16	100	0.030	0.052

$I_H$ =Hold current: maximum current at which the device will not trip at 25 °C still air.  
 $I_T$ =Trip current: minimum current at which the device will always trip at 25 °C still air.  
 $T_{trip}$ =Maximum time to trip(s) at assigned 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.  
 $R_{min}$ =Minimum device resistance at 25 °C prior to tripping.  
 $R_{max}$ =Maximum device resistance at 25 °C prior to tripping.

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

Part number	Maximum ambient operating temperatures( °C )							
	-40	-20	0	25	40	50	60	70
LP-CW170	3.20	2.70	2.20	1.70	1.30	1.10	0.80	0.60

**Packaging:** Bulk, 1000pcs per bag.