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PART NUMBER:

LMV170

Polymer PTC Devices

Surface mount fuses

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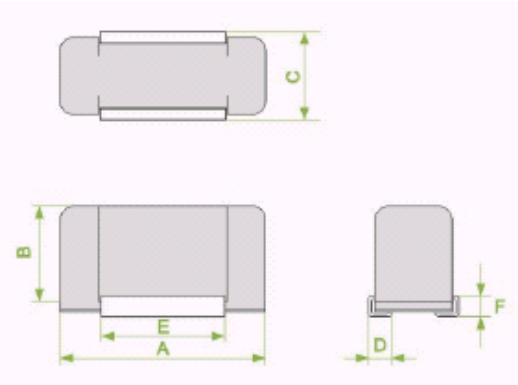
Features

- ☐ Surface mount devices
- ☐ Withstanding a very high interrupt voltage of 600V
- ☐ Agency Recognition: UL、CSA、TUV

Product Dimensions (mm)

Part number	A	B	C	D	E	F
	Max	Max	Max	Min	Max	Max
LMV170	19.4	12.3	8.3	1.6	10.4	2.3



Marking system

LMV□□□

Current rating

Product family

* Terminal materials: Tin-plated brass.
* Lead-free devices are available,
the right logo is lead-free mark of wayon.

Electrical Characteristics

Part number	I_H	I_T	T_{trip}		$V_{max\ interrupt}$	I_{max}	Pd_{typ}	R_{min}	R_{max}
	(A)	(A)	Current(A)	Time(S)	(V)	(A)	(W)	(Ω)	(Ω)
LMV170	0.170	0.340	1.00	10.00	600	3.0	2.50	4.0	9.0

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}=Typical time to trip(s) at assigned current.

$V_{max\ interrupt}$=Maximum interrupt 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_{max}=Maximum device resistance at 25℃ prior to tripping.

Thermal Derating Chart-I_H(A)

Part number	Maximum ambient operating temperatures(℃)								
	-40	-20	0	25	40	50	60	70	85
LMV170	0.264	0.230	0.200	0.170	0.140	0.125	0.100	0.094	0.070

Package Information

Bulk: 500pcs per bag.

Tape & Reel: 1000pcs per reel.