#### DOCUMENT: M20214 IJJAY ØN **REV LETTER: E** Polymer Wayon Electronics Co., Ltd. PAGE NO: 1 OF 1 No.1001, Shiwan 7th Road, Pudong, Shanghai 201202, P.R.China **PTC Devices** REV DATE: 2019-12-27 Tel: 86-21-50968309 Fax: 86-21-50968310 PART NUMBER: Surface mount fuses E-mail: market@way-on.com Http://www.way-on.com LM080F

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#### Features

- Surface mount devices
- Withstanding high interrupt voltage
- Agency Recognition: UL、TUV
- Lead-free and compliant with the European Union RoHS Directive 2011/65/EU

## **Product Dimensions (mm)**

Part number	Α	B Max.	С	I	D	E	
	Max.		Max.	Min.	Max.	Min.	Max
LM080F	9.4	3.4	7.4	0.25	0.35	3.7	3.9
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- <u>C</u>					Product f	-	
P -							
A		- E -					
		F					

### **Electrical Characteristics**

Part	Iн	Ιτ	T <sub>trip</sub>		Vmax interrupt	I <sub>max</sub>	Pd <sub>typ</sub>	$R_{min}$	R <sub>max</sub>	R <sub>1max</sub>
number	(A)	(A)	Current(A)	Time(S)	(V)	(A)	(W)	<b>(</b> Ω)	(Ω)	<b>(</b> Ω)
LM080F	0.080	0.160	1.00	0.80	250	3.0	1.00	14.0	22.0	40.0

 $I_{\text{H}}\text{=}\text{Hold}$  current: maximum current at which the device will not trip at 25  $^\circ\!\!\!\mathrm{C}$  still air.

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

T<sub>trip</sub>=Typical time to trip(s) at assigned current.

V<sub>max interrupt</sub>=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<sub>typ</sub>=Typical power dissipation: typical amount of power dissipated by the device when in state air environment.

R<sub>min</sub>=Minimum device resistance at 25 °C prior to tripping.

 $R_{\text{max}}\text{=}Maximum$  device resistance at 25  $^\circ\!\mathrm{C}$   $\,$  prior to tripping.

# **Thermal Derating Chart-IH(A)**

Part number	Maximum ambient operating temperatures(℃)									
	-40	-20	0	25	40	50	60	70	85	
LM080F	0.124	0.110	0.095	0.080	0.066	0.059	0.051	0.044	0.033	

# Package Information

Bulk: 1000pcs per bag.

Tape & Reel: 1500pcs per reel.

Specifications are subject to change without notice.

单击下面可查看定价,库存,交付和生命周期等信息

>>WAY-ON(维安)