

**LM080F**

**Features**

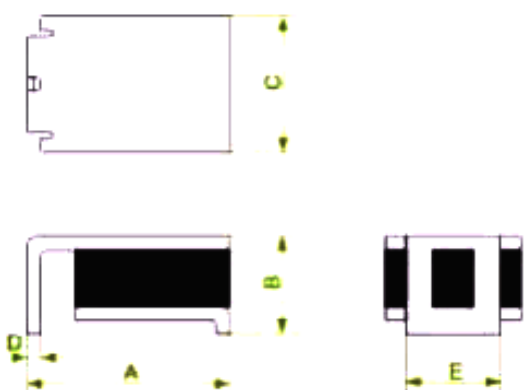
- Surface mount devices
- Withstanding high interrupt voltage
- Agency Recognition: UL、TUV
- Lead-free and compliant with the European Union RoHS Directive 2011/65/EU



**Product Dimensions (mm)**

Part number	A		B		C		D		E	
	Max.	Max.	Max.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
LM080F	9.4	3.4	7.4	0.25	0.35	3.7	3.9			

**Marking system**



LM □ □ □

Current rating  
 Product family

**Electrical Characteristics**

Part number	$I_H$ (A)	$I_T$ (A)	$T_{trip}$ Current(A) Time(S)	$V_{max interrupt}$ (V)	$I_{max}$ (A)	$Pd_{typ}$ (W)	$R_{min}$ ( $\Omega$ )	$R_{max}$ ( $\Omega$ )	$R_{1max}$ ( $\Omega$ )
LM080F	0.080	0.160	1.00 0.80	250	3.0	1.00	14.0	22.0	40.0

$I_H$ =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.

$T_{trip}$ =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°C prior to tripping.

$R_{max}$ =Maximum device resistance at 25°C prior to tripping.

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

Part number	Maximum ambient operating temperatures(°C)								
	-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.