

LM080F

Surface mount fuses

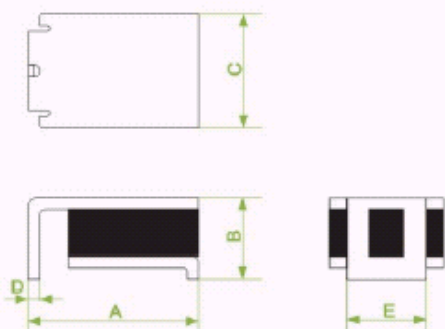
Features

- Surface mount devices
- Withstanding high interrupt voltage
- Lead-free and compliant with the European Union RoHS Directive (EU)2015/863
- Agency recognition: UL、TUV

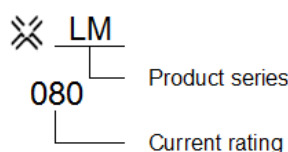


Product Dimensions (mm)

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



Marking system



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



Electrical Characteristics

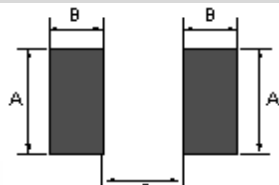
Part number	I _H (A)	I _T (A)	Max. Time-to-trip Current(A) Time(s)	V _{max} (V)	I _{max} (A)	P _{d typ} (W)	R _{min} (Ω)	R _{max} (Ω)	R _{1max} (Ω)
LM080F	0.080	0.160	1.00 0.80	250	3.0	1.00	14.0	22.0	40.0

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.
 Max. Time-to-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.
 P_{d 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.
 R_{1max}=Maximum device resistance at 25°C one hour post trip.

Thermal Derating Chart-IH(A)

LM080F	Maximum ambient operating temperatures(°C)								
	-40	-20	0	25	40	50	60	70	85
Hold Current (A)	0.124	0.110	0.095	0.080	0.066	0.059	0.051	0.044	0.033

Solder Reflow Recommendations



Solder Pad Layouts

Part number	A (mm)	B (mm)	C (mm)
LM080F	4.6	1.8	6.1

* Recommended reflow methods: IR, Vapor phase oven, hot air oven.

* Devices can be cleaned using standard industry methods and solvents.

Notes:

If reflow temperatures exceed the recommended profile, devices may not meet the performance requiremen

Package Information

Tape & Reel: 1500pcs per reel.

