

**Type T1206SM**  
**Time Delay Surface Mount Fuse**  
**1206 Package (3.2mm x 1.6mm)**  
**Solid Matrix® Design**



www.optifuse.com

(619) 593-5050

**Features:**

- High inrush current withstanding ability
- Ceramic monolithic structure
- Silver fusing element and silver termination with nickel and tin plating
- Standard EIA1206 / EIAJ3216 size
- Compatible with both wave and reflow soldering processes
- Operating temperatures :  
 -55°C ~ 125°C (with de-rating)
- RoHS compliant

**Specifications:**

**Interrupt Rating (IR):**

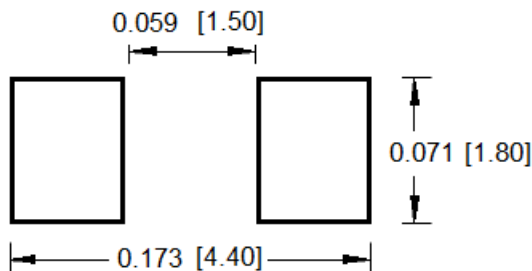
1A – 5A      50A @ rated voltage  
 6A - 8A      80A @ rated voltage

**Packaging Specifications:** 3,000 per Reel

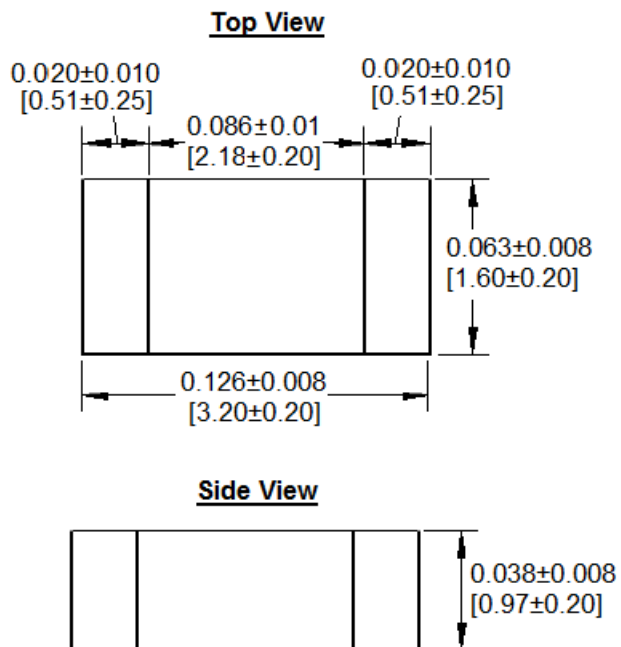
Part Number	Rating Current	Marking	Rated Voltage (VDC)	Nominal Cold Resistance (Ohms)	Nominal I <sup>2</sup> t (A <sup>2</sup> s) <sup>2</sup>
T1206SM-1A	1A	E	63	0.340	0.11
T1206SM-1.5A	1.5A	G	63	0.150	0.33
T1206SM-2A	2A	I	63	0.090	0.80
T1206SM-2.5A	2.5A	J	32	0.065	1.19
T1206SM-3A	3A	K	32	0.035	1.35
T1206SM-3.5A	3.5A	L	32	0.029	1.84
T1206SM-4A	4A	M	32	0.023	2.74
T1206SM-4.5A	4.5A	T	32	0.021	3.20
T1206SM-5A	5A	N	32	0.017	5.50
T1206SM-6A	6A	O	24	0.013	12.5
T1206SM-7A	7A	P	24	0.010	30.0
T1206SM-8A	8A	R	24	0.009	60.0

Time Characteristics				
100%		200%		1000%
Min	Min	Max	Min	Max
4h	1s	60s	0.2ms	(1A~5A) 20ms (6A~8A) 40ms

**Recommended Land Pattern:**



**Mechanical Dimensions: Inches [mm]**



**Warning:**



-Operation beyond the specified maximum ratings or improper use may result in damage and possible electrical arcing and/or flame.  
 -SMD are intended for occasional overcurrent protection. Application for repeated overcurrent condition and/or prolonged trip are not anticipated.  
 -Avoid contact of SMD with chemical solvent. Prolonged contact may damage the device performance.

Note: All specifications subject to change without notice.

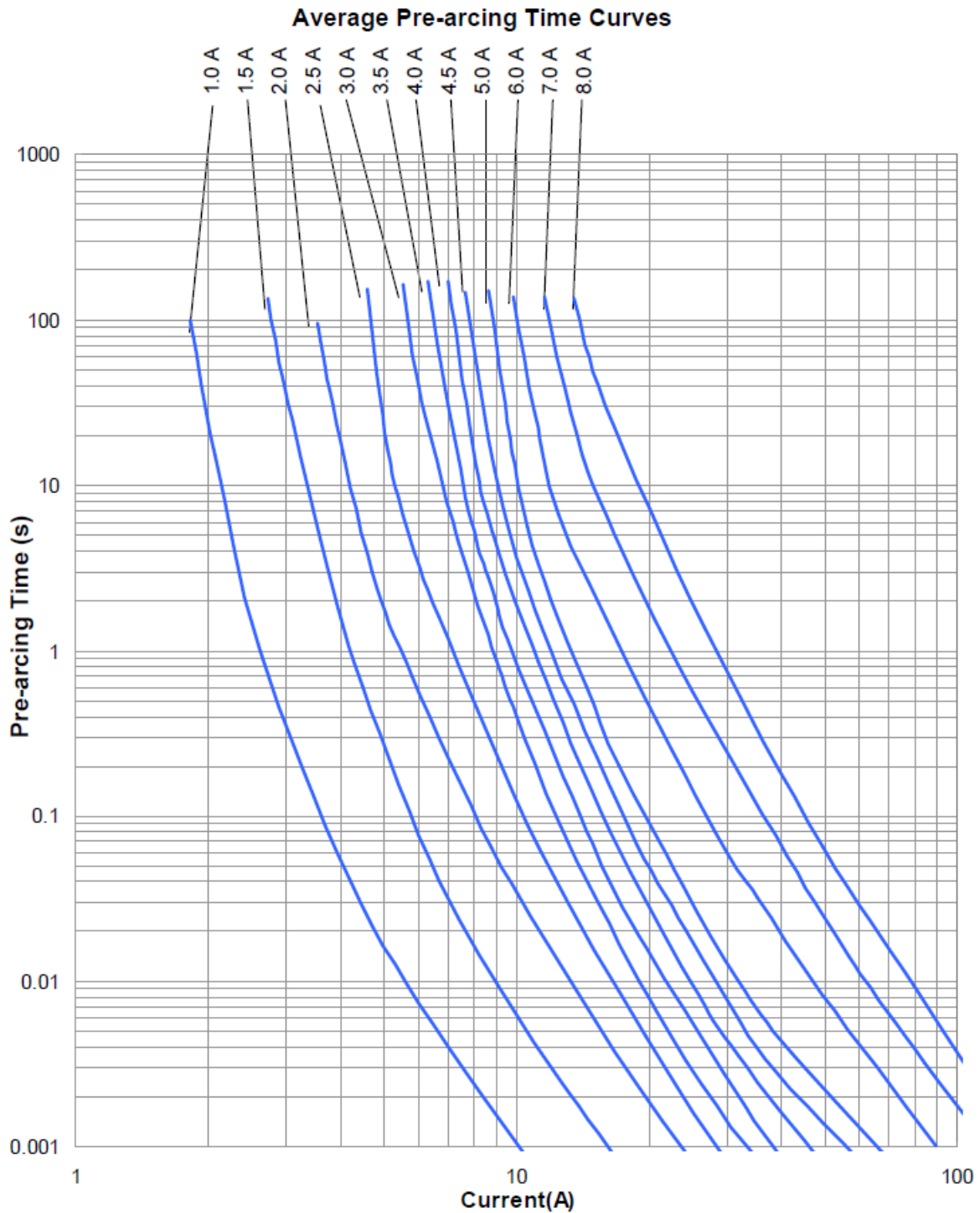
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