

SolidMatrix™ Lead-Free 1206 Fast Acting Surface Mount Fuses

SolidMatrix™ 1206 表面貼裝快斷片式熔斷器 (無鉛)

Features:

- Multilayer monolithic structure with glass ceramic body and silver fusing element
- Silver termination with nickel and pure-tin solder plating, providing excellent solderability
- Compatible with both wave and reflow soldering processes
- Operating temperature range: -55°C to +125°C (with de-rating)

Clear Time Characteristics (Fast Acting):

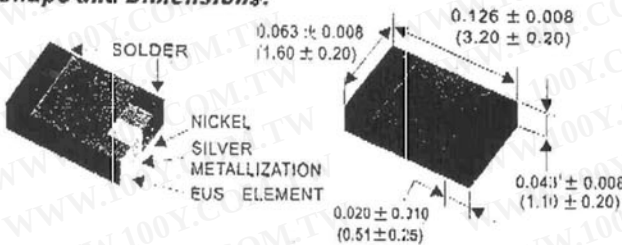
% of current rating	Clear time at 25°C
100%	4 hours min.
250%	5 seconds max.
400%	0.05 seconds max.

Agency Approval: Recognized Under the Components Program of Underwriters Laboratories, File Number: E232989

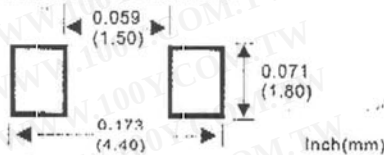
Patents: U.S. Patent numbers 5,479,147, 5,453,726, 6,034,589, 6,228,230, 6,602,766 and other pending patents

Interrupting Ratings: 0.25A-3A 50A at rated voltages
 4A-8A 45A at rated voltages

Shape and Dimensions:



Recommended Land Pattern:



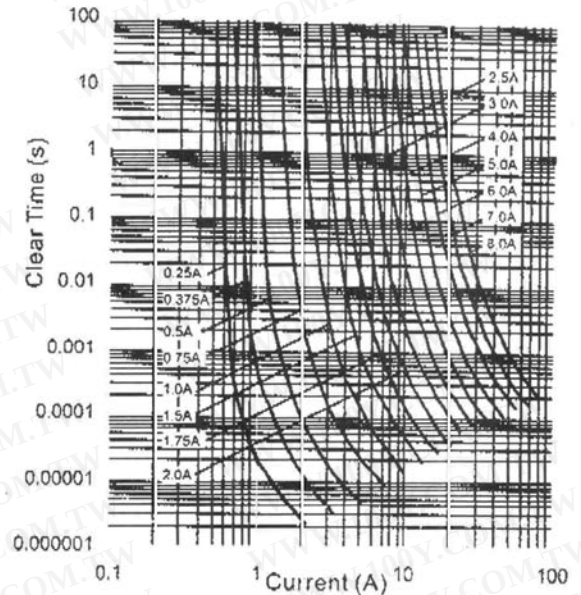
Ordering Information:

Part Number	Current Rating (A)	Voltage Rating (VDC)	Nominal Gold DCR (Ω) ¹
F1206FA0250V125T	0.25	125	1.000
F1206FA0375V125T	0.375	125	0.600
F1206FA0500V063T	0.5	63	0.500
F1206FA0750V063T	0.75	63	0.330
F1206FA1000V063T	1.0	63	0.220
F1206FA1500V063T	1.5	63	0.120
F1206FA1750V063T	1.75	63	0.100
F1206FA2000V063T	2.0	63	0.050
F1206FA2500V032T	2.5	32	0.037
F1206FA3000V032T	3.0	32	0.032
F1206FA4000V032T	4.0	32	0.022
F1206FA5000V032T	5.0	32	0.015
F1206FA6000V024T	6.0	24	0.015
F1206FA7000V024T	7.0	24	0.012
F1206FA8000V024T	8.0	24	0.003

1. Nominal height of 0.023" is available.
 2. Measured at 10% rated current and 25°C ambient.



Average Clear-Time Curves:



I²t vs. t Curves:

