

SINLOON®

薄膜貼片保險絲
Ampere Rating: 0.125A ~ 16A

0402/0603/1206 Series
Thin Film Chip Fuse

Feature

- ◆ Designed for over current protection
- ◆ Ampere rating from 50mA to 16A
- ◆ Bi-direction device
- ◆ Low internal resistance
- ◆ Extremely small current rating
- ◆ Lead-Free , RoHS compliant for global application and halogen free.

Figure:



Application

- ◆ Portable Electronics Equipment-Mobile phone, NB Tablet PC, GPS, DSC, HDD.

Ordering Information Example: MN0402-0.125A60S32V

Series	Part No.	Amper (A)	Fusing ^(T)	Voltage	Quantity	Packing
Fast Acting	MN0402	0.125~5.0	60 Sec.	32V	10K Pcs	Φ7" Reel
	MN0603	0.125~0.5	60 Sec.	50V	5K Pcs	Φ7" Reel
		0.8 ~ 5.0		32V		
		6.0		24V		
	MN1206	0.05~0.5	60 Sec.	125V	5K Pcs	Φ7" Reel
		0.6 ~ 4.0		63V		
		5.0 ~ 7.0		32V		
8.0 ~ 16		24V				
High Inrush	MF0402	0.125 ~ 5.0	5 Sec.	32V	10K Pcs	Φ7" Reel
	MF0603	0.125 ~ 0.5	5 Sec.	50V	5K Pcs	Φ7" Reel
		0.8 ~ 5.0		32V		
		6.0		24V		
	MF1206	0.05~0.5	5 Sec.	125V	5K Pcs	Φ7" Reel
		0.6 ~ 4.0		63V		
		5.0 ~ 7.0		32V		
8.0 ~ 16		24V				
Slow Acting	SF0402	0.125~5.0	5 Sec.	32V	10K Pcs	Φ7" Reel
	SF0603	0.125~0.5	5 Sec.	50V	5K Pcs	Φ7" Reel
		0.8 ~ 5.0		32V		
		6.0		24V		
	SF1206	0.05~0.5	5 Sec.	125V	5K Pcs	Φ7" Reel
		0.6 ~ 4.0		63V		
		5.0 ~ 7.0		32V		
8.0 ~ 16		24V				

Remark: ^(T) Open within 60 sec. at 200% rated current.
Open within 5 sec. at 200% rated current.



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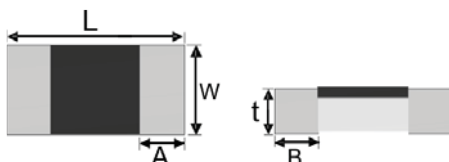
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Dimension

Unit:mm

Size	L	W	t	A	B
0402(1005)	0.95±0.10	0.5±0.05	0.35±0.1	0.2±0.10	0.25±0.1
0603(1608)	1.60±0.10	0.85±0.1	0.45±0.2	0.3±0.10	0.35±0.2
1206(3216)	3.05±0.10	1.55±0.1	0.6±0.10	0.5±0.20	0.5±0.20



Electrical Specification

Series	Part No.	Ampere Rating	Fusing Time	Rated Voltage	Breaking Capacity	% of Ampere	
						100%	200%
Fast Acting	MN0402	125mA ~ 5.0A	Open within 60 sec. at 200% rated current	32V	35A at DC 32V	4 hrs Min.	60 sec max.
	MN0603	125mA ~ 500mA		50V	50A at DC 50V		
		800mA ~ 5.0A		32V	50A at DC 32V		
		6.0A		24V	50A at DC 24V		
		MN1206		50mA ~ 5.0A	125V		
	600mA ~ 4.0A			63V	50A at DC 63V		
	5.0A ~ 7.0A			32V	50A at DC 32V		
	8.0A ~ 16A			24V	50A at DC 24V		
High Inrush	MF0402	125mA ~ 5.0A	Open within 5 sec. at 200% rated current	32V	35A at DC 32V	4 hrs min.	5 sec. max.
	MF0603	125mA ~ 500mA		50V	50A at DC 50V		
		800mA ~ 5.0A		32V	50A at DC 32V		
		6.0A		24V	50A at DC 24V		
		MF1206		50mA ~ 5.0A	125V		
	600mA ~ 4.0A			63V	50A at DC 63V		
	5.0A ~ 7.0A			32V	50A at DC 32V		
	8.0A ~ 16A			24V	50A at DC 24V		
Slow Acting	SF0402	125mA ~ 5.0A	Open within 5 sec. at 200% rated current	32V	35A at DC 32V	4 hrs min.	5 sec. max.
	SF0603	125mA ~ 500mA		50V	50A at DC 50V		
		800mA ~ 5.0A		32V	50A at DC 32V		
		6.0A		24V	50A at DC 24V		
		SF1206		50mA ~ 5.0A	125V		
	600mA ~ 4.0A			63V	50A at DC 63V		
	5.0A ~ 7.0A			32V	50A at DC 32V		
	8.0A ~ 16A			24V	50A at DC 24V		

Temperature: Opening Time at 25°C

※美隆公司產品規格及其特性參數的改變或更新恕不另行通知。

※Mayloon characteristic parameters of electronic product specification changes or updates without notice to improve。

