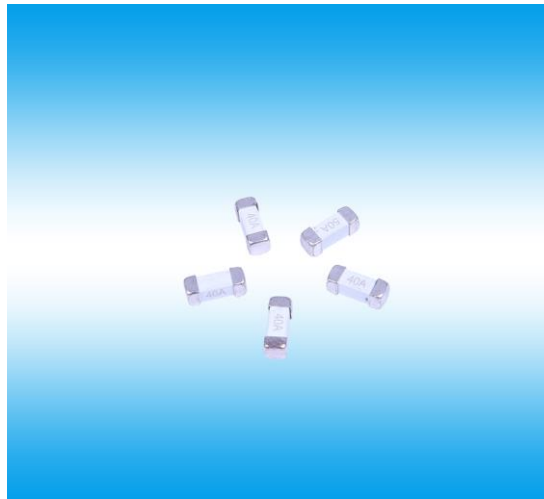


Type 1025HA/Fast Acting Brick Chipfuse

1025HA系列/快断方型保险丝



**Description**

- Surface-mount fuse high current fuse  
表面贴装大电流保险丝
- The High Current Fuse  
大电流保险丝
- Solder immersion compatible  
浸焊兼容

**Features** 产品特征

- Fast acting  
快断
- RoHS compliant  
符合RoHS要求

**Applications** 产品应用

- Voltage regulator module for PC server.  
PC服务器调压器模块
- Cooling fan system for PC server.  
PC服务器冷却风扇系统
- Storage system power  
电力存储系统
- Basestation power supply.  
系统基站电源

**Dimensions(Unit:mm)尺寸(单位:mm)**

20A-30A Dimensions(mm)

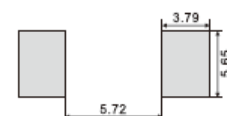
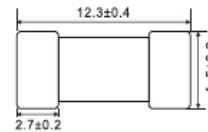
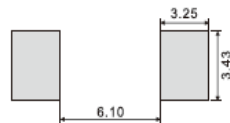
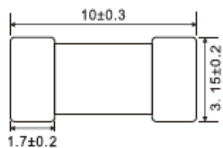
Recommended Pad Layout(mm)

40A-50A

Dimensions(mm)

Recommended Pad

Layout(mm)



**Electrical Characteristics** 熔断特性

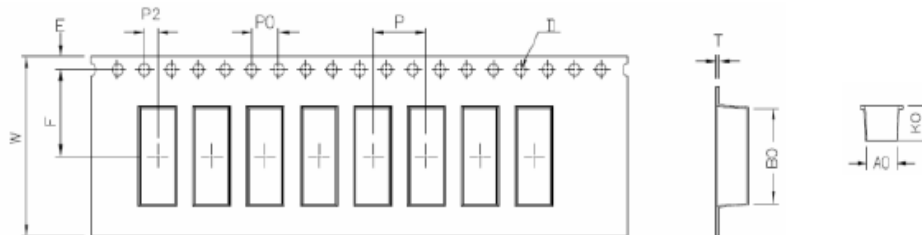
Electrical Characteristics 熔断特性		
Ampere Rating	% of Amp Rating	Opening Time
20A-50A	100%	4Hours Minimum
	300%	30 Seconds Maximum

Type 1025HA/Fast Acting Brick Chipfuse

Electrical Specifications 电气特性

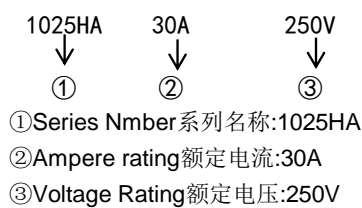
Catalog Number	Ampere Rated In	Marking	Voltage Rating(V) Interrupting Rating (A)	Norminal Resistance Cold(Ohm)	Norminal Melting $I^2T(A^2sec)$
1025HA20A	20A	20A	300A@125V/250VAC 500A@125VAC 1000A@72V/63V/32VDC	0.0032	25
1025HA25A	25A	25A		0.0025	45
1025HA30A	30A	30A		0.0017	110
1025HA40A	40A	40A		0.0013	450
1025HA50A	50A	50A	500A@125VAC 1000A@72V/63V/32VDC	0.0011	600

Packaging and Type Designation 包装和型号名称



Item	W	A0	B0	K0	P	F	E	D	P0	P2	T
40-50A	24	4.9	12.7	4.5	8	11.5	1.75	1.5	4	2	0.40
20-30A	24	3.5	10.4	3.5	8	11.5	1.75	1.5	4	2	0.35

Formation of Type Designation 类型命名的形成



Packaging 包装

On Tape:1025HA20A-30A,1500pcs Per Reel ,9000pcs Outer Box ;  
 1025HA40A-50A,1000pcs Per Reel ,6000pcs Outer Box



Type 1025HA/Fast Acting Brick Chipfuse

**Soldering Parameters** 焊接参数

Reflow Condition 回流条件		Pb-Free assembly 无铅制程
Heat Pre	Temperature Min( $T_s$ )	150°C
	Temperature Max( $T_s$ )	200°C
	Time(Min to Max)( $t_s$ )	60-120secs
Average ramp up rate(Liquidus)Temp( $T_L$ ) to peak		5°C/second max
$T_s$ (max) to $T_L$ -Ramp-up Rate		5°C/second max
Reflow	-Temperature( $T_L$ )(Liquidus)	217°C
	Time(Min to Max)( $t_L$ )	60-90 seconds
Peak Temperature( $T_p$ )		250 <sup>-0/-5</sup> °C
Time within 5°C of actual peak Temperature( $t_p$ )		20-40 seconds
Ramp-down Rate		6°C/second max
Time 25°C to peak Temperature( $T_p$ )		8 minutes max.
Do not exceed		260°C

