

Type KA1038/Ceramic Tube Fuse

KA1038系列



Description

- ➔ According to the UL248-1/UL248-14
- ➔ Breaking capacity to be tested with resistive circuit and random closing angle.
- ➔ Maximum allowable temperature rise is: 125 degrees (Celsius).

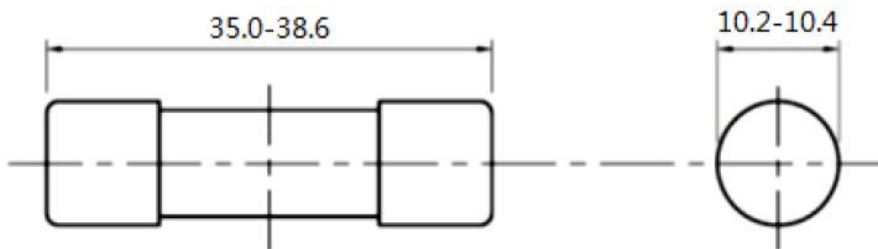
Features 产品特征

- ➔ Ceramic tube fuse
- ➔ KA1038 followed by ampere 10-50, and may followed by suffix FE, AB, SP, FB or PCB

Applications 产品应用

- ➔ AC/DC power adaptor
- ➔ High voltage DC/DC converter
- ➔ Telecom equipment system power
- ➔ Portable system built-in AC/DC converter

Dimensions(Unit:mm)尺寸 (单位: mm)



Functional Characteristics 功能特性

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test current	Blow Time	
	min.	max.
100%	4hour	
200%		4minutes

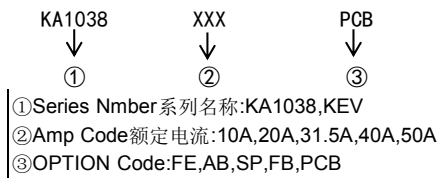
Safety Agency: UL US

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Electrical Specifications 电气特性

Rated Current 额定电流	Rated Voltage 额定电压	Breaking Capacity 分断能力	Typical Cold Resistance 冷阻值	Typical Voltage Drop 电压降	Typical Pre-Arcing $I^2T(A^2sec)$ 标准熔断值
	AC	AC	(mΩ)	(mV)	Breaking(10In)
20A	250V 400V 500V	2500A/AC250V 3900A/AC400V 1500A/AC500V	5.4	145	440
30A			3.2	140	1890
31.5A			3.0	150	1786
40A			2.4	165	2240
50A			2.05	181	2500

Formation of Type Designation 类型命名的形成



Packaging 包装

On Tape:KA1038-20pcs Per BOX,1000pcs Outer Box

Type 1025SB/Slow Blow 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		3°C/second max
T_s (max) to T_L - Ramp-up Rate		3°C/second max
Reflow	-Temperature (T_L) (Liquidus)	217°C
	Time (Min to Max) (t_L)	60-90 seconds
Peak Temperature (T_p)		260 ^{+0/-5} °C
Time within 5°C of actual peak Temperature (t_p)		20-40 seconds
Ramp-down Rate		5°C/second max
Time 25°C to peak Temperature (T_p)		8 minutes max
Do not exceed		260°C

