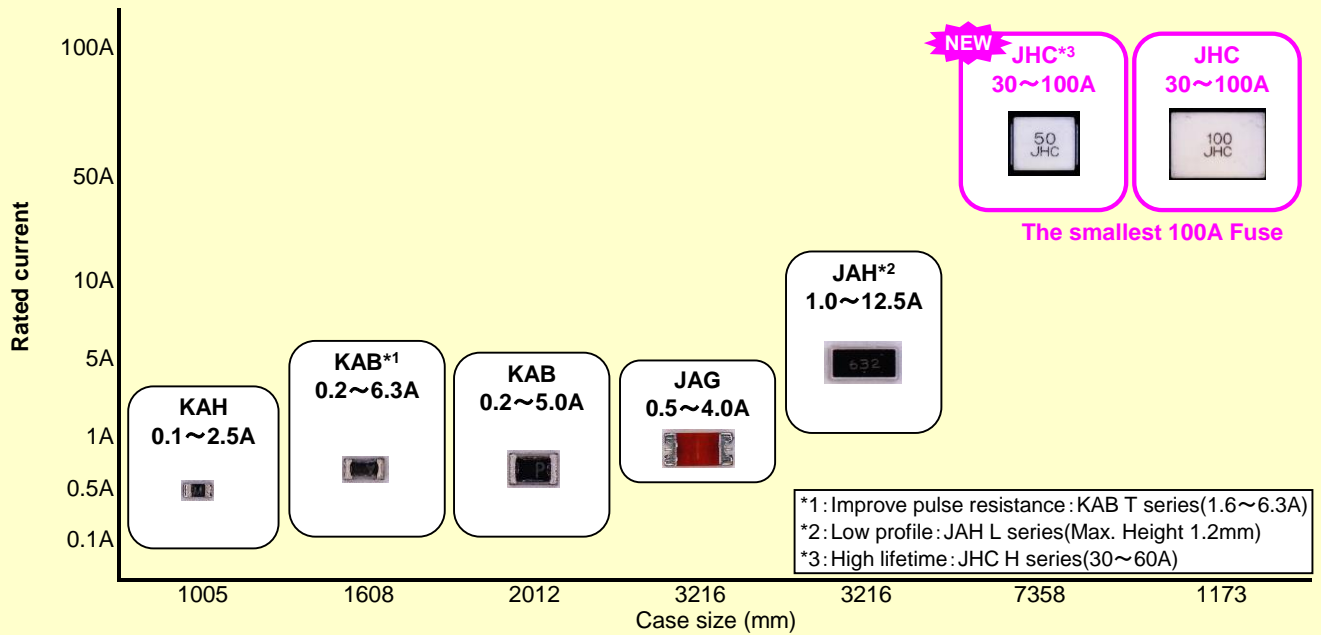
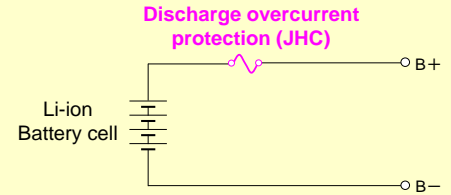


Introduction of Matsuo Electric's Micro fuse

Matsuo's Micro Fuse can contribute to miniaturize your electronic devices.

Example of Type JHC



*1: Improve pulse resistance: KAB T series(1.6~6.3A)
 *2: Low profile: JAH L series(Max. Height 1.2mm)
 *3: High lifetime: JHC H series(30~60A)

Type		KAH	KAB		JAG	JAH	JHC	
Case size	mm [inch]	1005 [0402]	1608 [0603]	2012 [0805]	3216 [1206]	3216 [1206]	7358 2923	1173 4329
Approved		UL248-1&14 (UL·cUL E170721)	UL248-1&14 (UL·cUL E170721)	UL248-1&14 (UL·cUL E170721)	UL248-1&14 (UL·cUL E170721)	UL248-1&14 (UL·cUL E170721)	UL248-1&14 (UL·cUL E170721) UL·cUL E480488	UL248-1&14 (UL·cUL E170721) UL·cUL E480488
Rated Current/Voltage		0.1~2.5A /24V	0.2~0.5A /50V 0.63~2.0A /32V 2.5~6.3A /24V	0.2~5.0A/24V	0.63~4.0A/72V 0.5~4.0A/32V	1.0~12.5A/72V	30~100A/35V 30~60A/60V	(30~50A/160V) ^{*4} 30~60A/84V 80~100A/60V
Fusing Characteristics		200% Fusing	200% Fusing	200% Fusing	200% Fusing	200% Fusing	250% Fusing	250% Fusing
Dimensions (mm)	L	1.0±0.05	1.6±0.1	2.0±0.1	3.2±0.2	3.2±0.2	7.3±0.3	11.0±0.3
	W	0.5±0.05	0.8±0.1	1.25±0.1	1.6±0.2	1.6±0.2	5.8±0.2	7.3±0.3
	T	0.35 (max)	0.45 (max)	0.50 (max)	1.4±0.2	1.4 (max)	4.2±0.2	5.9±0.2
Quantity/Reel (pcs)	φ 180	10,000	5,000	5,000	2,000	2,000	500	500
	φ 330						1,500	
Application	Smartphone	○	○					
	Digital still camera		○	○				
	SSD/HDD			○				
	Notebook PC Display		○	○	○	○		
	Power tool Electric bicycle UPS/ESS Fuel cell		○	○	○		○	○
Series		—	KAB T Series (Pulse resistance)	—	—	JAH L Series (Low profile)	JHC H Series (High lifetime)	—
For Automotive (AEC-Q200 Compliant)		—	KAB N Series KAB M Series	KAB N Series KAB M Series	JAG N Series ^{*5}	—	—	—

*4: Under Development
 *5: Up to 96V (0.63~1.6A)

Please ask our sales, when you use our products for Automotive.
 For more information, please visit the following URL: <https://www.ncc-matsuo.co.jp/en/> or please ask our sales.
 Specifications are subject to change without notice.



MATSUO ELECTRIC CO., LTD.