

*Using breakthrough technology,
we aim for products that will create new markets.*

New Product News

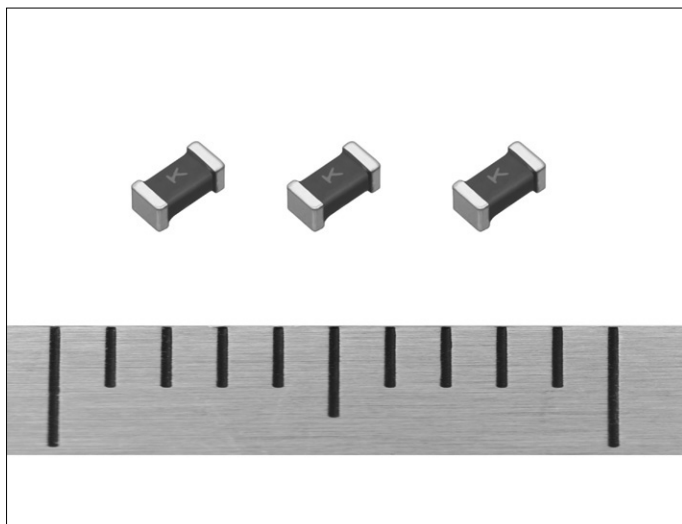
New entry, Business magnification

Surface Mount Typed Fuse

Micro Chip Fuse (Circuit Protector)

Industry/Field: AV, OA / Information,
Mobile Communication, Amusement

Small surface typed fuse with sharp fusing characteristics



• Development Target:

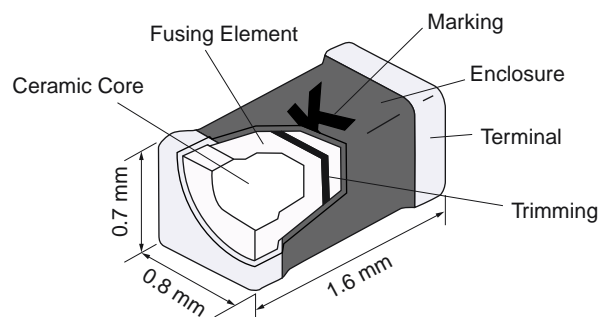
Small surface typed safety device for information products and portable electronic equipments

• Features:

- ① Small size (0603) and light weight
- ② Sharp fusing characteristics (Very fast acting)
- ③ Pb free

• Number of industrial property rights: 5

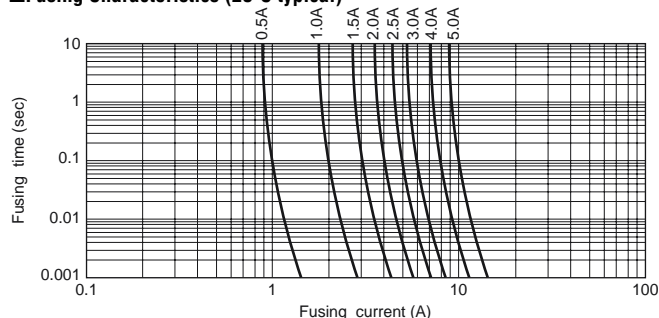
• Construction:



• Characteristics/specifications:

Type	ERBF□□□□□							
	0R50	1R00	1R50	2R00	2R50	3R00	4R00	5R00
Rated Current (A)	0.5	1.0	1.5	2.0	2.5	3.0	4.0	5.0
Marking	F	H	K	N	O	P	S	T
Internal R. (mohm) max. at 25°C	330	120	70	50	38	31	22	17
Fusing Current /Fusing Time (at 25°C)	100% rated current / 4 hours, min.							
	200% rated current / 1 sec., max.							
	300% rated current / 0.2 sec., max.							
Rated Voltage (Open Circuit Voltage)	32 VDC						24 VDC	
Category Temp. Range (Operating Temp. Range)	-40°C to +125°C							

■ Fusing Characteristics (25°C typical)



• Applications/usage examples:

- PC and Peripherals
- Mobile Phone
- Battery Pack
- Game Machine

• Explanation of part numbers:

1	2	3	4	5	6	7	8	9	10
E	R	B	F	E	1	R	5	0	U
Product Item code					Form		Rated current 1R50 = 1.50A		Packaging