

CHIP FUSES; RECTANGULAR TYPE / FMC10 Series

CHIP FUSES, RECTANGULAR TYPE
FMC10AB SERIES

Features

- Low internal resistance compared with FCC10AB
Ex) FMC10 501AB 190mΩtyp
FCC10 501AB 310mΩtyp
- Suitable for over-current protection of the circuit of miniature portable equipment.
- RoHS Directive Compliance
*Pb Free, Halogen Free & Antimony Free
- Certified UL and c-UL. [File No.: E176847]



Major Applications

- PC, HDD, CD-ROM, Printer
- Mobile Phone, PDA and Charger
- Video Camera, Digital still camera
- Game Equipment
- LCD monitor, LCD module, Battery Pack

Electrical Characteristics

Rated Current	Opening Time (25°C)
100%	4 hours Min.
200%	5 sec. Max.
300%	0.2 sec. Max.

Performance Characteristics

- Interrupting Ratings: 24Vd.c./35A
- Category Temperature Range: -55°C~+125°C
- Resistance to soldering heat:
<Reflow>
Peak Temp.: 265°C
Temp. and Time: 230°C, 10~30 sec.
Number of Times: 2 Times Ratings.

Ratings

Rated Current		Mark	Internal Resistance [mΩ max.]
Code	[A]		
501	0.5	F	240
751	0.75	A	140
102	1.0	L	95
132	1.25	M	73
152	1.5	H	60
202	2.0	S	41
252	2.5	T	32
302	3.0	R	25

Part Number Description

Example)

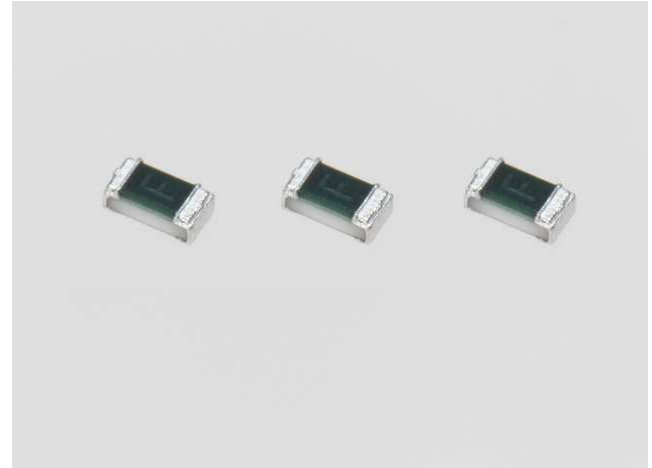
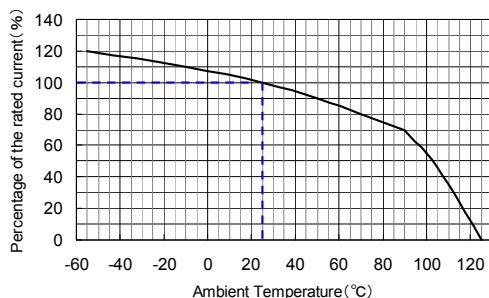
FMC	10	501	AB	TH
Product Type	Size	Rated Current*	Option Code	Packaging**

* Please refer to Ratings regarding Rated Current Code.

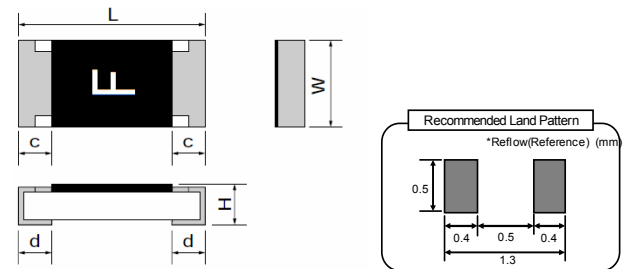
** "TH": Paper Tape, "B": Bulk

Recommended Derating for R.C.

- Nominal Derating : 75%
- Temperature Derating: Please refer to the below graph.

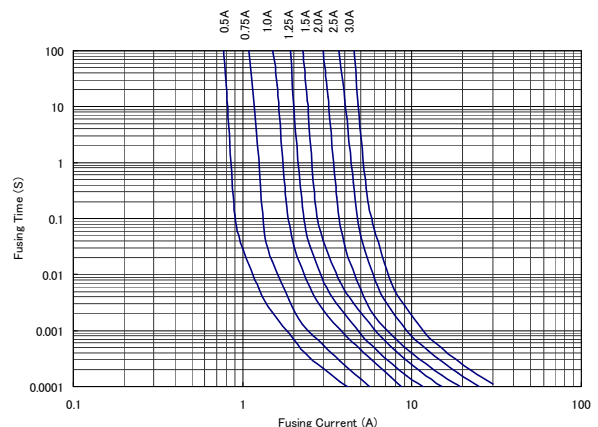


Dimension



[mm]				
L	W	H	c	d
1.0±0.05	0.5±0.05	0.38±0.05	0.2±0.1	0.25±0.10

Time/Current Characteristics



Note.1: Please contact Kamaya Sales Dept. first technical examination is need in order to selection Rated Current.

Note.2: Please contact Kamaya Sales Dept for samples and further information regarding Mass Production of FMC10.