

**RoHS
Compliant**



Electrical Characteristics

Rating	100% Rating		135% Rating		200% Rating	
	Min.	Max.	Min.	Max.	Min.	Max.
500mA - 30A	4hr	-	-	1hr	-	30 Sec

Agency Approvals

Agency	Ampere Rating
UL Listed	: 10mA to 15A
UL Recognized	: 15.1A to 30A
Recognized Component for Canada and US	: 15.1A to 30A
CSA Certified	: 100mA to 15A
CSA Acceptance	: 15.1A to 25A
PSE	: 5.1A to 15A (250V)

Interrupting Rating

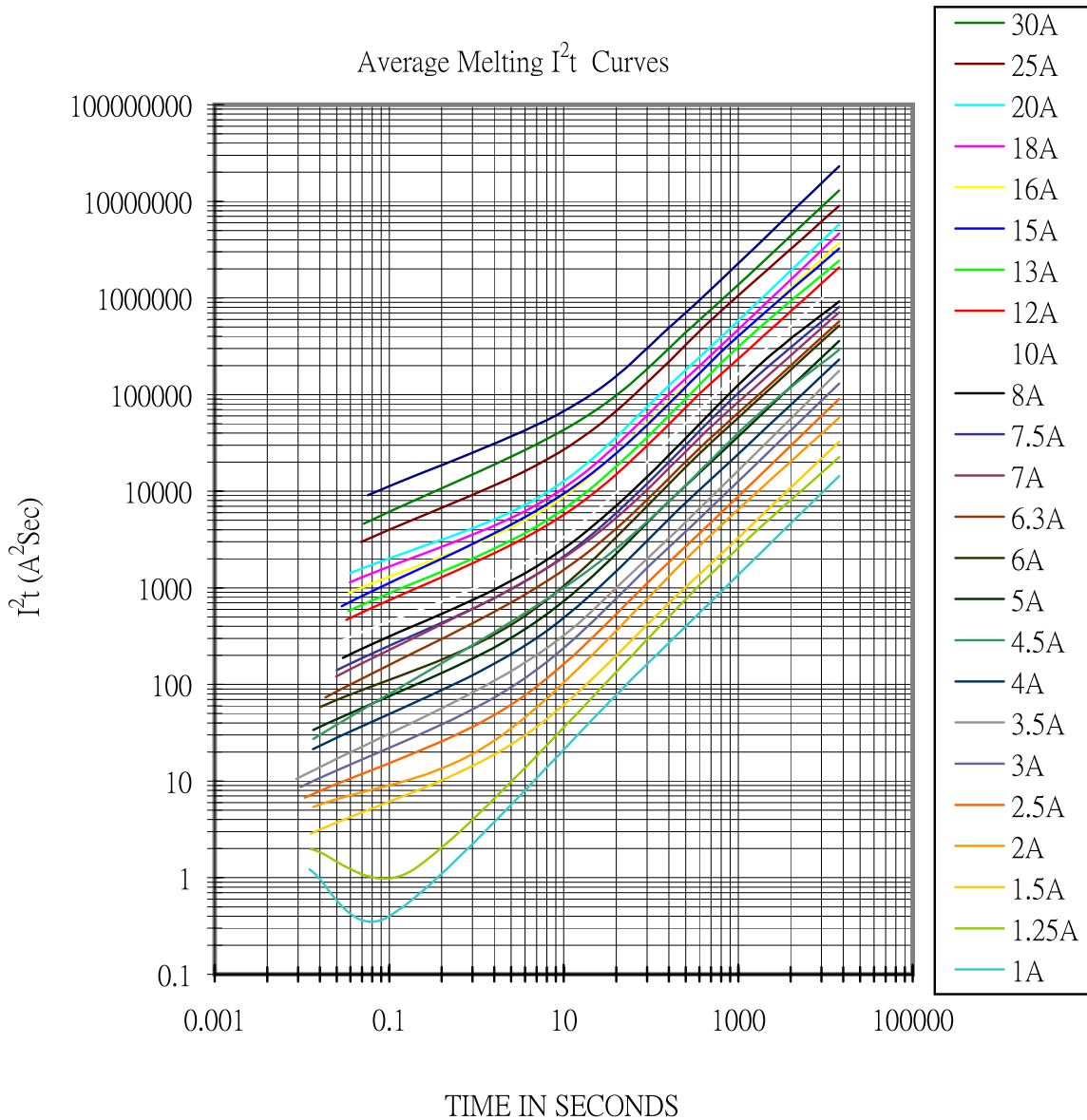
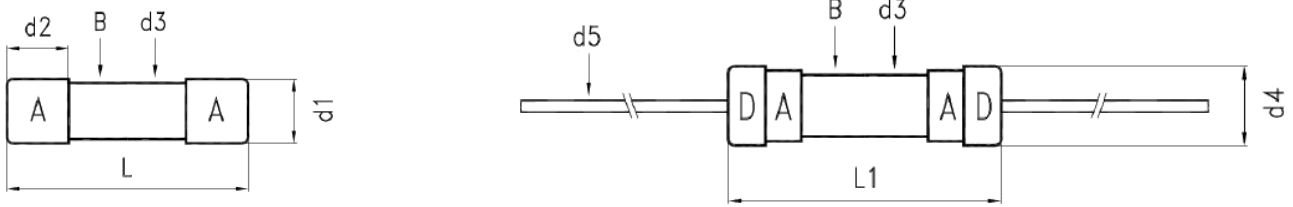
500mA to 20A	: 10,000A at 125V AC
500mA to 10A	: 750A at 250V DC
500mA to 1A	: 35A at 250V AC
1.25A to 3.5A	: 100A at 250V AC
4A to 10A	: 200A at 250V AC
10.1A to 15A	: 750A at 250V AC/DC
15.1A to 20A	: 750A at 250V AC/DC
20.1A to 30A	: 100A at 250V AC 400A at 125V DC 1,000A at 125V AC

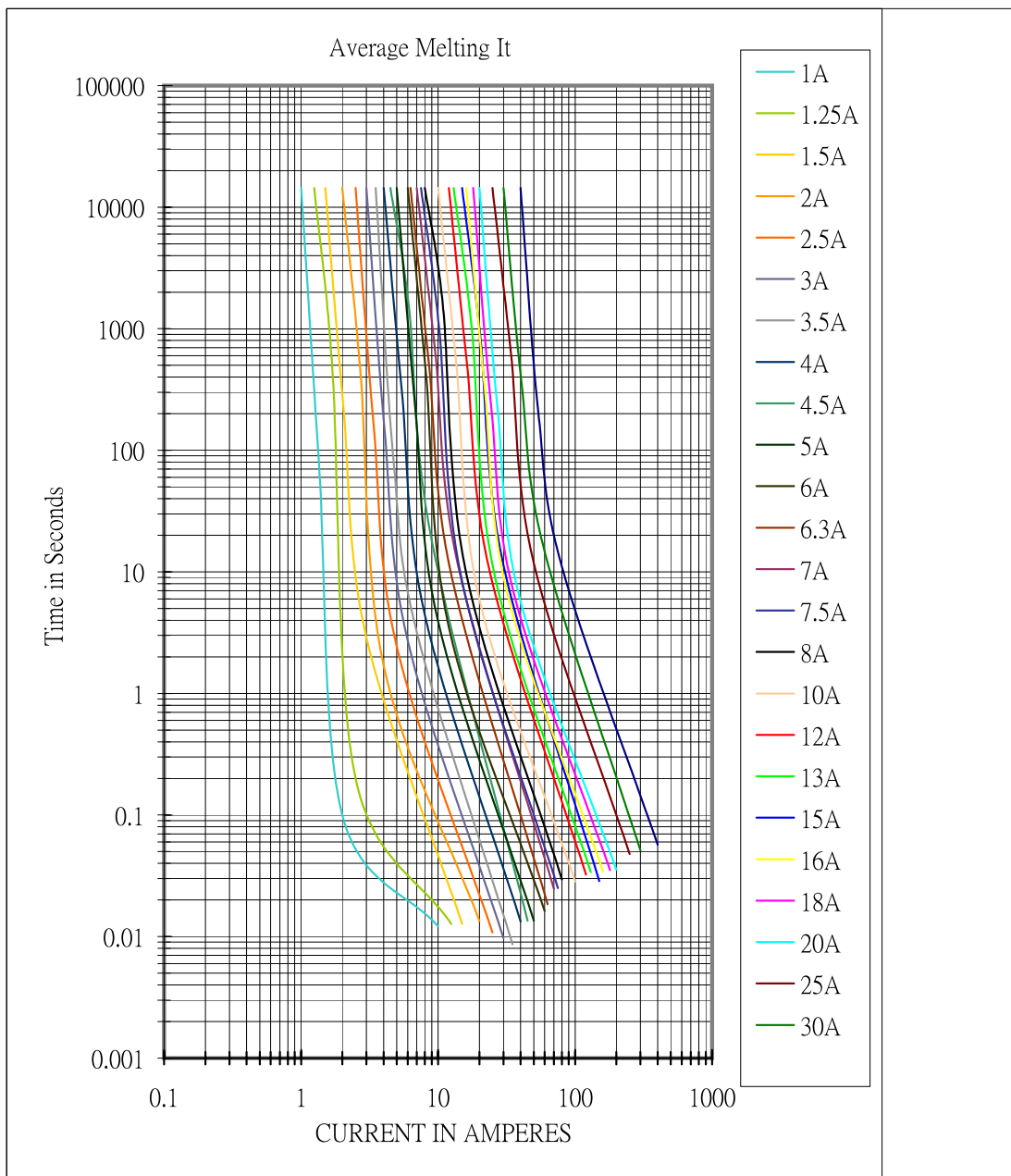
Product Characteristics

Operating Temperature	: -55°C to 125°C
Material	
Body	: Ceramic
Caps	: Nickel Plated Brass
Leads Wire	: Ø0.8 mm 12A and less. Ø1 mm for rating above 13A to 19A. Ø1.2 mm for rating above 20A.

NO.	Part Name		Volume
d1	Dia. of Cap	6.35 ±0.1mm	
d2	Height of Cap	6.45 ±0.1mm	
d3	Dia. of Ceramic	5.72 ±0.2mm	
d4	Dia. of Cap	7 ±0.3mm	
d5	Dia. of Lead Wire Length of Lead Wire	(1) ±0.05mm 38 ±2mm	
L	Body of Fuse	31.75 ±0.75mm	
L1	Total Length W/Cap-on on Both Ends		33 ±0.75mm

Mechanical Dimensions





Part Number Table

Ampere Rating (A)	Voltage Rating (V)	Nominal Cold Resistance (Ohms)	Nominal Melting I2t (A2 sec.)	Part Number	
500mA	250V	0.6879	0.1603	MP004290	
750mA		0.3129	0.3544	MP004291	
800mA		0.2828	0.4032	MP004292	
1A		0.1886	0.72	MP004293	
1.25A		0.1428	1.2713	MP004294	
1.5A		0.1132	1.8225	MP004295	
2A		0.1987	5.388	MP004296	
2.5A		0.0794	5.625	MP004297	
3A		0.0635	7.128	MP004298	
3.5A		0.0538	10.584	MP004299	
4A		0.0329	13.824	MP004300	
4.5A		0.0302	27.338	MP004301	
5A		0.0286	33.75	MP004302	
6A		0.0233	58.45	MP004303	
6.3A		0.0184	73.514	MP004304	
7A		0.0164	88.2	MP004305	
7.5A		0.0143	101.25	MP004306	
8A		0.0124	115.2	MP004307	
10A		0.0105	255.46	MP004308	
12A		0.0086	398.39	MP004309	
13A		0.0085	517.14	MP004310	
15A		0.0061	567	MP004311	
16A		0.006	645.12	MP004312	
18A		0.0055	874.8	MP004313	
20A		0.0044	1283	MP004314	
25A		0.0036	2691	MP004315	
30A			0.0026	4155.3	MP004316

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