

Fast Acting Ceramic Tube Fuses - Axial Leaded Ø6.3mm × 32mm

multicompPRO

**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

UL Listed
UL Recognized
Recognized Component
for Canada and US
CSA Certified
CSA Acceptance
PSE

Ampere Rating

: 10mA to 15A
: 15.1A to 30A
: 15.1A to 30A
: 100mA to 15A
: 15.1A to 25A
: 5.1A to 15A (250V)

Product Characteristics

Operating Temperature : -55°C to 125°C

Material

Body : Ceramic
Caps : Nickel Plated Brass

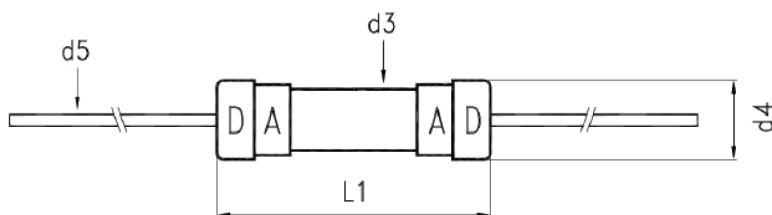
Leads Wire : Ø0.8 mm 12A and less.
Ø1 mm for rating above 13A to 19A.
Ø1.2 mm for rating above 20A.

UL Approved

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

Mechanical Diagram



Dimensions

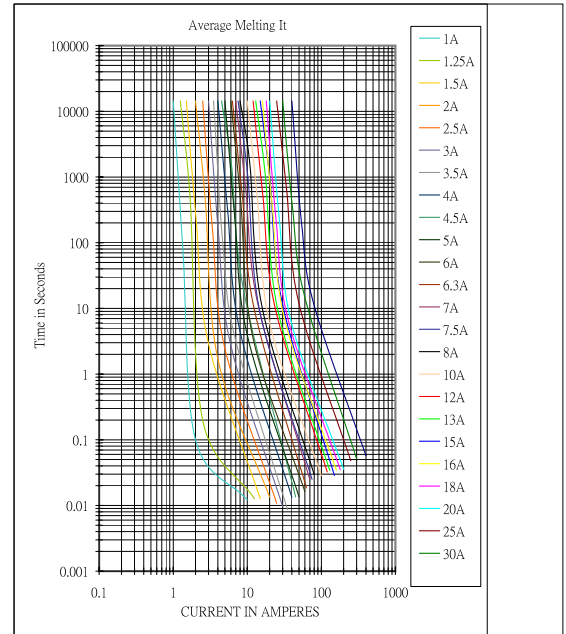
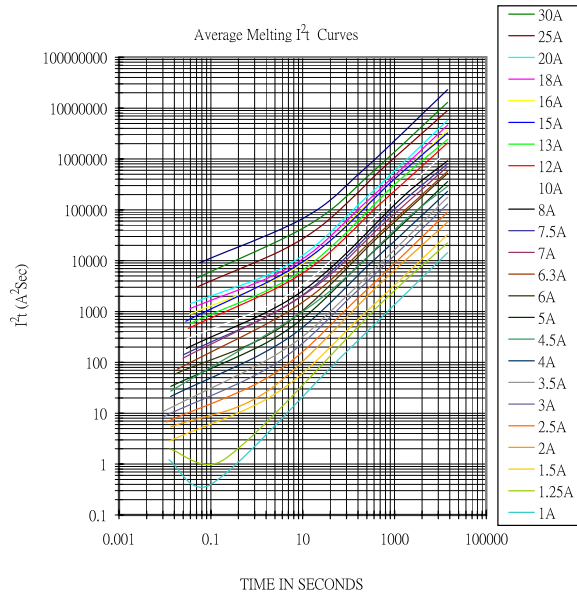
d3	Dia. of Ceramic	5.72mm ±0.2mm
d4	Dia. of Cap	7mm ±0.3mm
d5	Dia. of Lead Wire Length of Lead Wire	(1) ±0.05mm 38mm ±2mm
L1	Total Length W/Cap-on on Both Ends 33 ±0.75mm	

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Part Number Table

Ampere Rating (A)	Voltage Rating (V)	Nominal Cold Resistance (Ω)	Nominal Melting I^2t (A ² 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

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Ampere Rating (A)	Voltage Rating (V)	Nominal Cold Resistance (Ω)	Nominal Melting I ² t (A ² sec.)	Part Number
7.5A	250V	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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