ABP-A

6.3Ø x 32 mm

Fast-Acting Fuse

RoHS

Agency Approvals

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

Interrupting Rating

100mA - 20A:	10,000 amperes at 125V AC
100mA - 10A:	750 amperes at 250V DC
100mA - 1A:	35 amperes at 250V AC
1.25A - 3.5A:	100 amperes at 250V AC
3.75A - 10A:	200 amperes at 250V AC
10.1A - 15A:	750 amperes at 250V AC/DC
15.1A - 20A:	750 amperes at 250V AC/DC
20.1A - 30A:	100 amperes at 250V AC 400 amperes at 125V DC 1,000 amperes at 125V AC

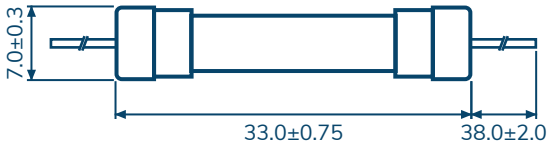
Product Characteristics

Operating Temperature	-55 °C to 125 °C
Material	Body: Ceramic / Caps: Nickel Plated Brass
Leads Wire	Ø0.8 mm 12A and less. Ø1.0 mm for rating above 13A to 19A. Ø1.2 mm for rating above 20A.

Packaging

Packaging Option	Quantity
Bulk	250 pcs / box

Mechanical Dimensions (mm)



ABP-A

Electrical Characteristics

Ampere Rating	Opening Time		
	1 In	1.35 In	2 In
	MIN	MAX	MAX
100mA - 30A	4 hr	1 hr	30 sec
Above 30A	4 hr	1 hr	120 sec

Catalog Number	Ampere Rating (A)	Voltage Rating (V)	Nominal Cold Resistance (Ohms)	Nominal Melting I^2t (A^2 sec.)
ABP-A .100	100mA	250V	14.600	0.0027
ABP-A .125	125mA		10.200	0.0042
ABP-A .150	150mA		7.7000	0.0061
ABP-A .160	160mA		7.0000	0.0069
ABP-A .200	200mA		6.0000	0.0108
ABP-A .250	250mA		3.6150	0.0141
ABP-A .300	300mA		2.8000	0.0243
ABP-A .315	315mA		2.3000	0.0267
ABP-A .350	350mA		2.0000	0.0441
ABP-A .375	375mA		1.9540	0.0443
ABP-A .400	400mA		1.4000	0.0720
ABP-A .500	500mA		0.6879	0.1603
ABP-A .600	600mA		0.4740	0.2013
ABP-A .630	630mA		0.4287	0.2143
ABP-A .700	700mA		0.3500	0.2646
ABP-A .750	750mA		0.3129	0.3544
ABP-A .800	800mA		0.2828	0.4032
ABP-A 001	1A		0.1886	0.7200
ABP-A 1.25	1.25A		0.1428	1.2713
ABP-A 1.50	1.5A		0.1132	1.8225
ABP-A 002	2A		0.1987	5.3880
ABP-A 2.50	2.5A		0.0794	5.6250
ABP-A 003	3A		0.0635	7.1280
ABP-A 3.50	3.5A		0.0538	10.584
ABP-A 004	4A		0.0329	13.824
ABP-A 4.50	4.5A		0.0302	27.338
ABP-A 005	5A		0.0286	33.750
ABP-A 006	6A		0.0233	58.450
ABP-A 6.30	6.3A		0.0184	73.514
ABP-A 007	7A		0.0164	88.200
ABP-A 7.50	7.5A		0.0143	101.25
ABP-A 008	8A		0.0124	115.20
ABP-A 010	10A		0.0105	255.46
ABP-A 012	12A		0.0086	398.39
ABP-A 013	13A		0.0085	517.14
ABP-A 015	15A		0.0061	567.00
ABP-A 016	16A		0.0060	645.12
ABP-A 018	18A		0.0055	874.80
ABP-A 020	20A		0.0044	1283.0
ABP-A 025	25A		0.0036	2691.0
ABP-A 030	30A		0.0026	4155.3