

Type ABE/ABP

6.3ØX32mm

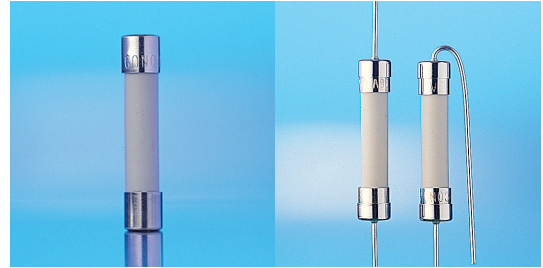


Fast Acting Ceramic Tube Fuse Series



ABE

ABP-A



Approval

ABE

UL Listed	10mA~15A
UL Recognized	15.1A~30A
CSA Certified	100mA~15A
CSA Acceptance	15.1A~25A
PSE	5.1A~15A(250V)
Recognized Component for Canada and U.S.	15.1A~40A

ABP (With Pig-Tail)

UL Listed	10mA~15A
UL Recognized	15.1A~30A
CSA Certified	100mA~15A
CSA Acceptance	15.1A~25A
PSE	5.1A~15A(250V)
Recognized Component for Canada and U.S.	15.1A~30A

Electrical Characteristic

Rated Current	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

Interrupting Rating

100mA~20A:	10,000 amperes at 125V AC
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
	1000 amperes at 125V AC
30.1A~40A:	1000 amperes at 250V AC(ABE)
	400 amperes at 150V DC(ABE)

Operating Temperature

-55°C to +125°C

Physical Specification

Material

Ceramic body / Nickel Plated Brass Caps

Lead Wire:

Diameter Ø0.8 mm 12A and less.

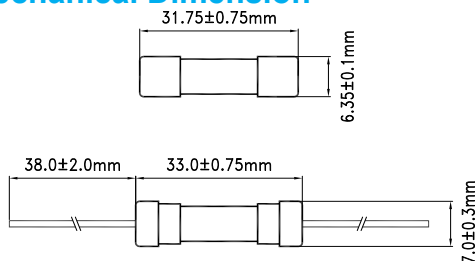
Diameter Ø1.0 mm for rating above 13A to 19A.

Diameter Ø1.2 mm for rating above 20A.

Packaging

In Bulk: ABE-500 pcs ; ABP-250 pcs per box

Mechanical Dimension



Catalog Number	Ampere Rating [In]	Voltage Rating (V)	Nominal Resistance Cold Ohms	Nominal Melting I ² t A ² Sec
ABE/ABP .100	100mA	250V	14.600	0.0027
ABE/ABP .125	125mA		10.200	0.0042
ABE/ABP .150	150mA		7.7000	0.0061
ABE/ABP .160	160mA		7.0000	0.0069
ABE/ABP .200	200mA		6.0000	0.0108
ABE/ABP .250	250mA		3.6150	0.0141
ABE/ABP .300	300mA		2.8000	0.0243
ABE/ABP .315	315mA		2.3000	0.0267
ABE/ABP .350	350mA		2.0000	0.0441
ABE/ABP .375	375mA		1.9540	0.0443
ABE/ABP .400	400mA		1.4000	0.0720
ABE/ABP .500	500mA		0.6879	0.1603
ABE/ABP .600	600mA		0.4740	0.2013
ABE/ABP .630	630mA		0.4287	0.2143
ABE/ABP .700	700mA		0.3500	0.2646
ABE/ABP .750	750mA		0.3129	0.3544
ABE/ABP .800	800mA		0.2828	0.4032
ABE/ABP 001	1A		0.1886	0.7200
ABE/ABP 1.25	1.25A		0.1428	1.2713
ABE/ABP 1.50	1.5A		0.1132	1.8225
ABE/ABP 002	2A		0.1987	5.3880
ABE/ABP 2.50	2.5A		0.0794	5.6250
ABE/ABP 003	3A		0.0635	7.1280
ABE/ABP 3.50	3.5A		0.0538	10.584
ABE/ABP 004	4A		0.0329	13.824
ABE/ABP 4.50	4.5A		0.0302	27.338
ABE/ABP 005	5A		0.0286	33.750
ABE/ABP 006	6A		0.0233	58.450
ABE/ABP 6.30	6.3A		0.0184	73.514
ABE/ABP 007	7A		0.0164	88.20
ABE/ABP 7.50	7.5A		0.0143	101.25
ABE/ABP 008	8A		0.0124	115.20
ABE/ABP 010	10A		0.0105	255.46
ABE/ABP 012	12A		0.0086	398.39
ABE/ABP 013	13A		0.0085	517.14
ABE/ABP 015	15A		0.0061	567.00
ABE/ABP 016	16A		0.0060	645.12
ABE/ABP 018	18A		0.0055	874.8
ABE/ABP 020	20A		0.0044	1283.0
ABE/ABP 025	25A		0.0036	2691.0
ABE/ABP 030	30A	0.0026	4155.3	
ABE 040	40A	0.0016	9100.8	

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