

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

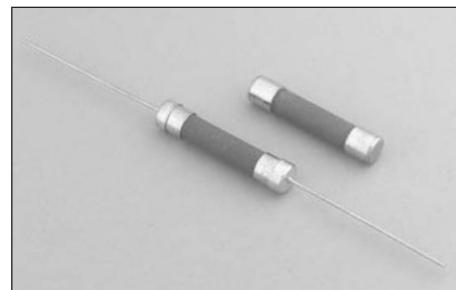
Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China

Description

- Fast-acting, ceramic tube
- Optional leaded version available
- 1/4 x 1-1/4 (6.3mm x 32mm) physical size
- Ceramic tube, nickel-plated brass endcap construction
- UL Listed product meets standard 248-14

ELECTRICAL CHARACTERISTICS	
% of Amp Rating	Opening Time
110%	4 Hours Minimum
135%	60 Minutes maximum
200%	120 Seconds Maximum


Approvals

- UL Listed Guide & File numbers (ABC 1/4 - 15A): JDYX & E19180.
- UL Recognition Guide & File numbers (ABC 20 - 30A): JDYX2 & E19180.
- CSA Certification Record No: 053787 C 000 & Class No: 1422 01 & 1422 30.

Environmental Data

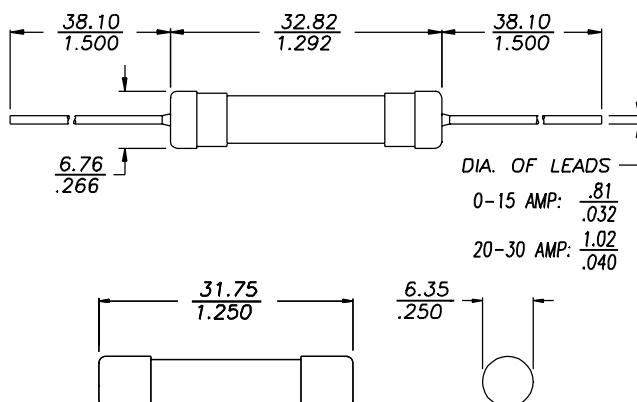
- Shock: 1/4A and 1/2A – MIL-STD-202, Method 213, Test Condition I; 1A thru 30A – MIL-STD-202, Method 207, (HI Shock)
- Vibration: 1/4A thru 30A – MIL-STD-202, Method 204, Test Condition C (Except 5g, 500HZ)

Ordering

- Specify product code, option code and packaging code

Dimensions (mm/in)

Drawing Not to Scale



SPECIFICATIONS									
Product Code	Voltage Rating		AC Interrupting Rating		DC Interrupting Rating		Typical DC Cold Resistance** (ohms)	Typical Melting I ^t t† AC	Typical Voltage Drop‡
	AC	DC	250V	125V	125V	75V			
ABC-1/4	250V	125V	35A	10000A	10000A	-	3.000	0.02	3.25
ABC-1/2	250V	125V	35A	10000A	10000A	-	0.788	0.19	0.51
ABC-3/4	250V	125V	35A	10000A	10000A	-	0.303	0.8	0.42
ABC-1	250V	125V	35A	10000A	10000A	-	0.197	1.4	0.35
ABC-1-1/2	250V	125V	100A	10000A	10000A	-	0.1175	2.9	0.35
ABC-2	250V	125V	100A	10000A	10000A	-	0.0755	4.2	0.25
ABC-2-1/2	250V	125V	100A	10000A	10000A	-	0.05875	8.53	0.26
ABC-3	250V	125V	100A	10000A	10000A	-	0.0435	19.5	0.25
ABC-4	250V	125V	200A	10000A	10000A	-	0.02975	29.1	0.25
ABC-5	250V	125V	200A	10000A	10000A	-	0.0286	16.4	0.23
ABC-6	250V	125V	200A	10000A	10000A	-	0.02315	31.6	0.24
ABC-7	250V	125V	200A	10000A	10000A	-	0.0183	73.2	0.20
ABC-8	250V	125V	200A	10000A	10000A	-	0.0146	111.9	0.17
ABC-10	250V	125V	200A	10000A	10000A	-	0.01205	215.6	0.15
ABC-12	250V	125V	750A	10000A	10000A	-	0.0068	129.6	0.11
ABC-15	250V	125V	750A	10000A	10000A	-	0.005425	200.2	0.12
ABC-20	250V	125V	400A	1000A	10000A	-	0.00366	550.8	0.13
ABC-25	125V	125V	-	1000A	400A	1000A	0.00263	839.3	0.12
ABC-30	125V	125V	-	1000A	400A	1000A	0.002225	1,429	0.14

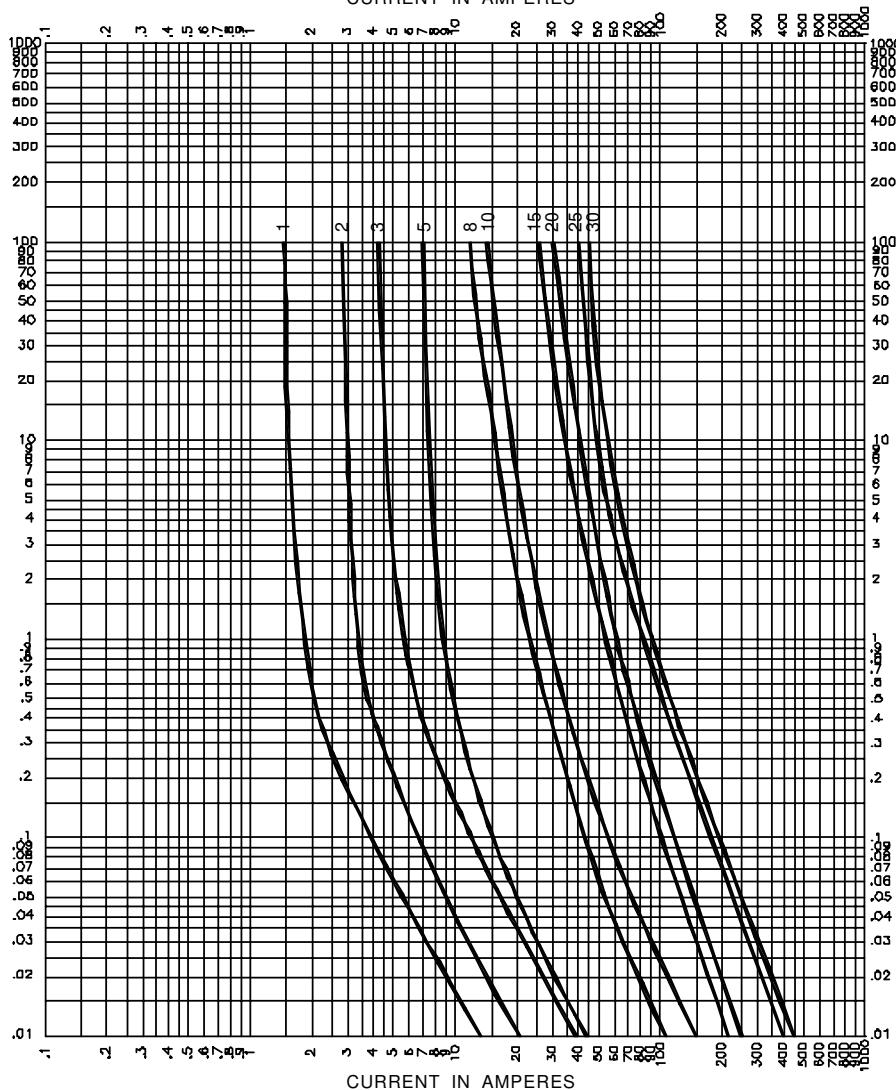
** DC Cold Resistance (Measured at <10% of rated current)

† Typical Melting I^tt (A²Sec) (I^tt was measured at listed interrupting rating and rated voltage. Measured at 70% to 80% power factor on AC)

‡ Typical Voltage Drop (Voltage drop was measured at 25°C±3°C ambient temperature at rated current)

TIME CURRENT CURVE

CURRENT IN AMPERES



OPTION CODE

Option Code	Description
B	Board Washable - Hermetically sealed to withstand aqueous cleaning
V	Axial leads - brass overcaps with copper and nickel flash, plated in tin lead

PACKAGING CODE

Packaging Code	Description
BK	100 pieces of fuses packed into a cardboard carton with flaps folded
BK1	1,000 pieces of fuses packed into a cardboard carton with flaps folded
BK8	8,000 pieces of fuses packed into a cardboard carton with flaps folded