

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!



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1/4" x 1-1/4" Fuses

MDA Series, Time Delay, Ceramic Tube

Description

- Time Delay, ceramic tube
- Optional axial leads 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		
Rated Current	Amp Rating	Opening Time
1/4 - 30A	100%	None
	135%	60 Minutes Max.
	200%	120 Seconds Max.

Agency Information

- UL Listed Card: MDA 2/10 - 20A (Guide JDYX, File E19180)
- UL Recognized Card: MDA 25 - 30A (Guide JDYX2, File E19180)
- CSA Certification Card: MDA 2/10 - 20 (Class No. 1422-01)
- CSA Component Acceptance: MDA 25-30A (Class No. 1422-30)

Environmental Data

- Shock: 1/100A and 8/10A – MIL-STD-202, Method 213, Test Condition I; 1A thru 30A – MIL-STD-202, Method 207, (HI Shock)
- Vibration: 1/100A and 8/10A – MIL-STD-202, Method 201; 1/4A thru 30A – MIL-STD-202, Method 204, Test Condition C (Except 5g, 500HZ)

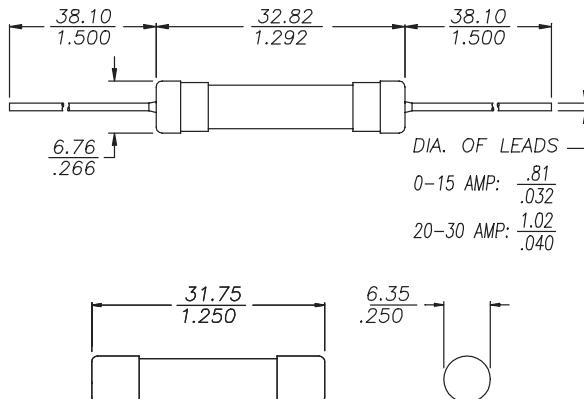
Ordering

- Specify packaging, product, and option code



Dimensions (mm/in)

Drawing Not to Scale



SPECIFICATIONS							
Product Code	Voltage Rating		AC Interrupting Rating*		DC Interrupting Rating 125V	Typical DC Cold Resistance** (ohms)	Typical Melting I ² t† AC
	AC	DC	250V	125V			
MDA-1/4	250V	-	35A	10000A	-	9.325	0.68
MDA-1/2	250V	-	35A	10000A	-	1.925	2.3
MDA-3/4	250V	-	35A	10000A	-	0.8555	7.8
MDA-1	250V	-	35A	10000A	-	0.560	11.1
MDA-1-1/2	250V	-	100A	10000A	-	0.2585	25.0
MDA-2	250V	-	100A	10000A	-	0.1645	64.0
MDA-2-1/2	250V	-	200A	10000A	-	0.06685	28.9
MDA-3	250V	-	200A	10000A	-	0.0507	40.9
MDA-4	250V	-	200A	10000A	-	0.0346	134.0
MDA-5	250V	-	200A	10000A	-	0.02355	345.9
MDA-6	250V	-	200A	10000A	-	0.01850	534.3
MDA-7	250V	-	200A	10000A	-	0.01475	580.3
MDA-8	250V	-	200A	10000A	-	0.01230	944.0
MDA-10	250V	-	200A	10000A	-	0.00858	1491.3
MDA-12	250V	-	750A	10000A	-	0.00725	113.8
MDA-15	250V	-	750A	10000A	-	0.00543	206.2
MDA-20	250V	125V	1500A	10000A	10000A	0.00358	439.5
MDA-25A	250V	125V	1500A	10000A	10000A	0.00309	667.9
MDA-30A	250V	125V	1500A	10000A	10000A	0.00243	997.0
							0.110

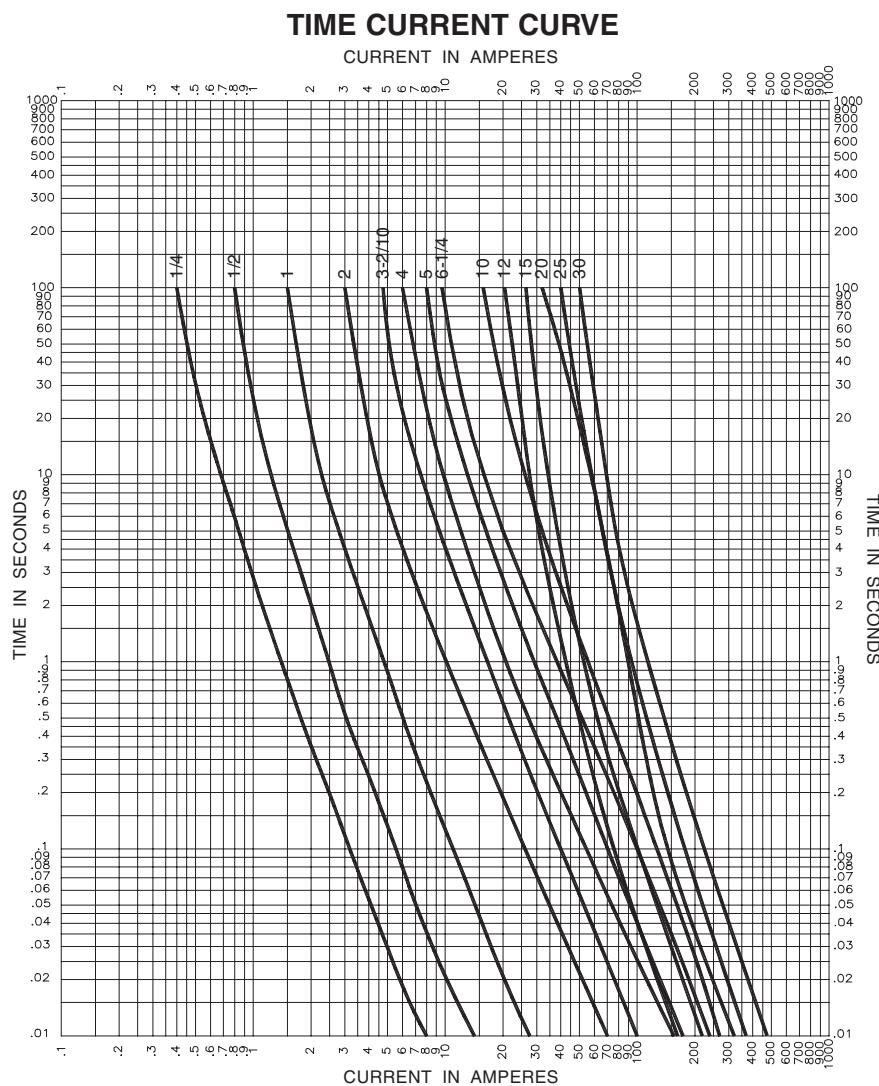
* Interrupting Ratings (Measured at 70% - 80% power factor on AC. The interrupting ratings for 25Amp, 30Amp were measured at 90% - 100% power factor on AC)

** DC Cold Resistance (Measured at $\leq 10\%$ of rated current)

† Typical Melting I²t (A²Sec) (I²t was measured at listed interrupting rating and rated voltage)

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

1/4" x 1-1/4" Fuses
MDA Series, Time Delay, Ceramic Tube



PACKAGING CODE

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

OPTION CODE

Option Code	Description
B	Board Washable - Hermetically sealed to withstand aqueous cleaning
V	Axial leads - copper tinned wire with nickel plated brass overcaps
-R	RoHS compliant version