

13/32 × 1-3/8 INCH FUSES



BBS TYPE FUSES FAST ACTING 600 V FUSES

Fibre tube. Designed for the protection of control circuits, gaseous vapor fixture circuits or where fast acting characteristics are desired. Used in Buss HPF-L fuseholders or 3845 fuseblocks. APPROVALS: UL 0-5A/600V; CSA.

Cat. No.	Volts	Net Price
BBS-2/10	600	\$10.45
BBS-4/10	600	10.45
BBS-3/4	600	10.45
BBS-8/10	600	10.45
BBS-1	600	5.67
BBS-1-1/2	600	10.45
BBS-1-6/10	600	10.45
BBS-1-8/10	600	10.45
BBS-2	600	6.97
BBS-3	600	6.97
BBS-4	600	9.34
BBS-5	600	6.97
BBS-6	250	10.45
BBS-7	250	10.45
BBS-8	250	10.45
BBS-10	48	9.88
BBS-15	48	10.45
BBS-20	48	10.45
BBS-25	48	10.45
BBS-30	48	10.45
HPF-L	Fuseholder	16.73

13/32 × 1-1/2 INCH FUSES



AGU TYPE FUSES GLASS TUBE TYPE NON-TIME DELAY FUSES—FAST ACTING

For overload and or short circuit protection in primarily resistive load circuits. Glass tube permits visual indication of element. Use with HPF fuseholder.

Cat. No.	Volts	Net Price
AGU-1	250	\$3.94
AGU-2	250	3.94
AGU-3	250	3.84
AGU-4	32	3.84
AGU-5	32	3.84
AGU-8	32	3.84
AGU-10	32	3.91
AGU-15	32	3.91
AGU-20	32	3.58
AGU-25	32	3.58
AGU-30	32	3.30
AGU-35	32	3.58
AGU-40	32	3.30
AGU-50	32	3.58
AGU-60	32	3.58
HPF	Fuseholder	11.11

13/32 × 1-1/2 INCH FUSES

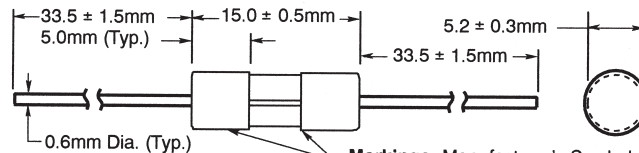


BAF TYPE FUSES LAMINATED TUBE TYPE

Recommended as higher voltage replacement for AGU fuses. Use with HPF fuseholder. APPROVALS: UL listed. BAF-0-15A/250V; CSA.

Cat. No.	Volts	Net Price
BAF-1/2	250	\$6.00
BAF-1	250	3.99
BAF-1-1/2	250	6.00
BAF-2	250	3.99
BAF-2-1/2	250	6.00
BAF-3	250	3.99
BAF-4	250	6.00
BAF-5	250	3.99
BAF-6	250	3.99
BAF-6-1/4	250	6.18
BAF-7	250	4.87
BAF-8	250	4.87
BAF-9	250	4.87
BAF-10	250	3.24
BAF-12	250	4.87
BAF-15	250	3.66
BAF-20	125	3.24
BAF-25	125	4.66
BAF-30	125	3.24
HPF	Fuseholder	11.11

5mm × 15mm GLASS FUSES



Dimensions are in Millimeters (mm)

Markings: Manufacturer's Symbol, Product Symbol, Voltage, Ampere, Testing Agency Mark (Optional)

Packaging & Ordering Information:

Package Code	C515 Product Symbol	Ampere Rating
BK/ Bulk Package (100 pcs)		125mA
		250mA
		350mA
		375mA
		500mA
		600mA
		750mA
		1A
		1.25A
		1.5A
		1.6A
		2A
		2.25A
		2.5A
		3A
		3.5A
		4A
		5A
		7A

C515 TIME-DELAY AXIAL LEADED 5MM × 15MM GLASS FUSES

Telecommunication Capabilities: UL 1459: Telephone equipment. Fuses successfully opened: 600 V (AC)—40 Amps. 600 V (AC)—7 Amps. 600 V (AC)—2.2 Amps. UL 497: Protectors for paired conductor communications circuits. Fuses successfully passed without opening: 10 × 1000 microsecond wavefore †50 pulses/1 pulse every 8 seconds @ 1000 V (Note: † fuse resistance was not allowed to vary by more than five percent after completion of the test). UL listing: Guide # JDYX, file E75865. CSA Certification: Class 1422-01, file LR65063. UL Recognized: Guide # JDYX2, file E75865.

Cat. No.	Rtd Voltage (V) AC	Voltage Drop (mV) max.	Net Price
C515-1.25-R	250	220	\$1.48
C515-1.5-R	250	200	1.48

FRN-R TYPE FUSES 250 VOLT FUSES

Cat. No.	Volts	Net Price
5/16" DIAMETER x 2" LENGTH		
FRN-R-1/4	250	\$15.91
FRN-R-1/2	250	12.18
FRN-R-1	250	10.33
FRN-R-1-6/10	250	10.57
FRN-R-1-8/10	250	15.91
FRN-R-2	250	8.55
FRN-R-2-1/2	250	11.91
FRN-R-3	250	9.47
FRN-R-3-2/10	250	9.47
FRN-R-3-1/2	250	11.01
FRN-R-4	250	9.47
FRN-R-4-1/2	250	11.01
FRN-R-5	250	7.84
FRN-R-6	250	9.47
FRN-R-6-1/4	250	10.91
FRN-R-7	250	11.01
FRN-R-8	250	9.47
FRN-R-10	250	7.84
FRN-R-12	250	9.47
FRN-R-15	250	6.30
FRN-R-20	250	6.30
FRN-R-25	250	6.30
FRN-R-30	250	6.30
3/16" DIAMETER x 3" LENGTH		
FRN-R-35	250	11.48
FRN-R-40	250	11.48
FRN-R-45	250	11.48
FRN-R-50	250	11.48
FRN-R-60	250	11.48
5/32" DIAMETER x 5 7/8" LENGTH		
FRN-R-70	250	25.82
FRN-R-80	250	25.82
FRN-R-100	250	25.82
5/32" DIAMETER x 7 1/8" LENGTH		
FRN-R-125	250	56.78

FRS-R TYPE FUSES 600 VOLT FUSES

Cat. No.	Volts	Net Price
3/4" DIAMETER x 5" LENGTH		
FRS-R-1	600	\$20.69
FRS-R-1-6/10	600	20.69
FRS-R-2	600	17.00
FRS-R-2-1/2	600	20.69
FRS-R-3	600	15.80
FRS-R-4	600	15.80
FRS-R-5	600	15.80
FRS-R-6	600	15.80
FRS-R-6-1/4	600	19.26
FRS-R-7	600	19.26
FRS-R-8	600	15.80
FRS-R-10	600	15.80
FRS-R-12	600	15.80
FRS-R-15	600	13.92
FRS-R-20	600	13.92
FRS-R-25	600	13.92
FRS-R-30	600	13.92
1" DIAMETER x 5 1/2" LENGTH		
FRS-R-35	600	23.88
FRS-R-40	600	23.88
FRS-R-45	600	23.88
FRS-R-50	600	23.88
FRS-R-60	600	23.88
1 1/4" DIAMETER x 7 1/8" LENGTH		
FRS-R-70	600	49.38
FRS-R-100	600	49.38
1 3/4" DIAMETER x 9 5/8" LENGTH		
FRS-R-125	600	98.80
FRS-R-200	600	98.80

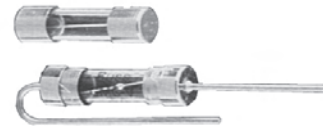


NORTH AMERICAN STYLE HIGH SPEED FUSES

These specialized devices provide low energy let-thru (I²T), low watts loss, superior cycling capacity, low arc voltage, as well as excellent DC performance. These devices provide an excellent solution for medium power applications. UL recognized, STD 248-13.

Cat. No.	Volts	Net Price
FWA-200A	150	\$31.75
FWA-250A	150	31.75

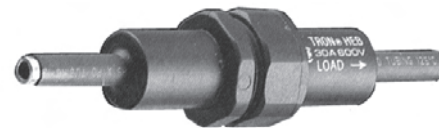
Cat. No.	Volts	Net Price
FWX-50A	250	\$68.85
FWX-60A	250	68.85
FWX-70A	250	82.90
FWX-80A	250	90.19
FWX-100A	250	82.90



TYPE GMC

Type GMC 5mm x 20mm. Time-Lag. Glass Body, Electroplated end caps.

Cat. No.	Volts	Net Price
GMC-63-R	250	\$2.26
GMC-100-R	250	2.29
GMC-200-R	250	2.29
GMC-250-R	250	1.35
GMC-315-R	250	2.29
GMC-500-R	250	1.04
GMC-600-R	250	1.43
GMC-750-R	250	1.43
GMC-800-R	250	1.04
GMC-1-R	250	1.04
GMC-1.5-R	250	1.43
GMC-1.6-R	250	1.43
GMC-2-R	250	1.04
GMC-2.5-R	250	1.26
GMC-3-R	250	1.04
GMC-3.15-R	250	1.43
GMC-3.5-R	125	1.43
GMC-4-R	125	1.04
GMC-5-R	125	1.04
GMC-6-R	125	1.04
GMC-8-R	125	1.43
GMC-10-R	125	1.04



TYPE HEB IN-LINE WATER-PROOF

For 1 3/32" x 1 1/2" Fuses KTK, FNM, BAF, FNQ. Waterproof for exposed location. Accepts various wire sizes #14-#4 solid. Body Matl: Phenolic. Lead Matl: Copper Crimp.

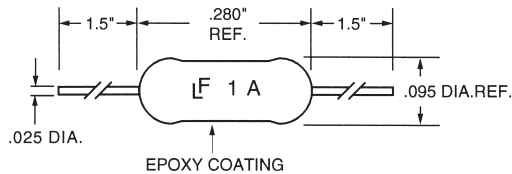
FUSEHOLDER WITHOUT BREAK-A-WAY

Cat. No.	Wire Size		Net Price
	Load	Line	
HEB-AA	#12-#8	#12-#8	\$20.24

Cat. No.	Ampere Rating	Voltage Rating	Nominal Cold Resistance (Ohms)	Net Price
0455.400	0.4	125	0.420	\$1.20
0455.500	0.5	125	0.305	1.20
0455001	1.0	125	0.078	1.20
045501.6	1.6	125	0.0532	1.20

NOTE: 1000 fuses per reel, minimum purchase of 1 reel.

251 000 Series Axial Leads



NOTE: LEADS ARE SOLDER-COATED COPPER, .025" DIAMETER FOR 1/16-10A, .032" DIAMETER FOR 12-15A. LF AND AMPERAGE RATING ARE LASER-MARKED ON TWO SIDES.

SUBMINIATURE PICO® II VERY FAST ACTING TYPE

The PICO®II very fast-acting fuse is designed to meet an extensive array of performance characteristics in a space-saving subminiature package.

INTERRUPTING RATINGS:
300 amperes at VDC.
50 amperes at VAC.

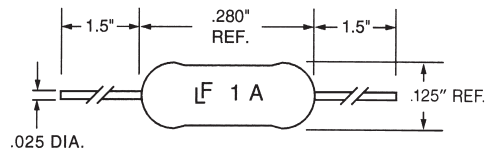
ENVIRONMENTAL SPECIFICATIONS:
Operating Temperature: -55°C to 125°C.

PHYSICAL SPECIFICATIONS:
Materials: Encapsulated, Epoxy-Coated Body; Solder Coated Copper Wire Leads.
Soldering Parameters: Wave solder—500°F (260°C), 10 seconds, max.
Packaging: Fuses packaged per EIA Standard 296. 1000 fuses per reel.
Option: Radial Lead Version; 0.4" lead spacing; to order change 251 to 252.

Cat. No.	Ampere Rating	Voltage Rating	Nominal Resistance Cold Ohms	Nominal Melting I ² t A ² Sec.	Net Price
STD. TYPE					
251.062	1/16	125	7.0	0.000113	\$1.32
251.125	1/8	125	1.70	0.00174	.84
251.250	1/4	125	0.665	0.0116	.84
251.375	3/8	125	0.395	0.0296	.84
251.500	1/2	125	0.280	0.0598	.84
251.750	3/4	125	0.175	0.153	.64
251.001	1	125	0.128	0.256	.61
251.01.5	1 1/2	125	0.0823	0.587	.64
251.002	2	125	0.0473	0.405	.64
251.02.5	2 1/2	125	0.0360	0.721	.61
251.003	3	125	0.0290	1.19	.61
251.03.5	3 1/2	125	0.0240	1.58	.61
251.004	4	125	0.0204	2.45	.64
251.005	5	125	0.0155	4.14	.61
251.007	7	125	0.0105	10.4	.61
251.010	10	125	0.00705	25.5	.61
251.012	12	32	0.0055	45.2	.84
251.015	15	32	0.00446	68.8	.84

MIL. TYPE, FM10

253.062	1/16	125	7.0	0.000113	5.44
253.125	1/8	125	1.70	0.00174	4.94
253.250	1/4	125	0.665	0.0116	4.94
253.375	3/8	125	0.395	0.0296	4.94
253.500	1/2	125	0.280	0.0598	4.94
253.750	3/4	125	0.175	0.153	4.43
253.001	1	125	0.128	0.256	4.43
253.01.5	1 1/2	125	0.0823	0.587	4.43
253.002	2	125	0.0473	0.405	4.43
253.02.5	2 1/2	125	0.0360	0.721	2.18
253.003	3	125	0.0290	1.19	4.43
253.03.5	3 1/2	125	0.0240	1.58	2.18
253.004	4	125	0.0204	2.45	4.43
253.005	5	125	0.0155	4.14	4.43
253.007	7	125	0.0105	10.4	4.43
253.010	10	125	0.00705	25.5	4.43
253.012	12	32	0.0055	45.2	2.57
253.015	15	32	0.00446	68.8	5.22



SUBMINIATURE PICO® II SLO-BLO® TYPE FUSE

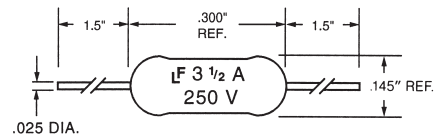
The PICO® II Slo-Blo® fuse combines time delay performance characteristics with the proven reliability of a Picofuse.

INTERRUPTING RATINGS:
50 amperes at 125VDC.
50 amperes at 125VAC.

ENVIRONMENTAL SPECIFICATIONS:
Operating Temperature: -55°C to 125°C.

PHYSICAL SPECIFICATIONS:
Materials: Encapsulated, Epoxy-Coated Body; Solder Coated Copper Wire Leads.
Flammability Rating: UL94V0.
Soldering Parameters: Wave solder—500°F (260°C), 3 seconds, max.
Packaging: Fuses packaged per EIA Standard 296. 1000 fuses per reel.

Cat. No.	Ampere Rating	Voltage Rating	Nominal Resistance Cold Ohms	Nominal Melting I ² t A ² Sec.	Net Price
473.375	3/8	125	1.74	0.0850	\$2.29
473.500	1/2	125	1.13	0.210	4.33
473.750	3/4	125	0.460	0.760	4.13
473.001	1	125	0.267	2.01	4.13
473.01.5	1 1/2	125	0.116	3.94	1.74
473.002	2	125	0.0712	7.60	4.13
473.2.25	2 1/4	125	0.0630	9.28	3.09
473.02.5	2 1/2	125	0.0520	13.0	1.74
473.003	3	125	0.0380	21.0	2.29
473.03.5	3 1/2	125	0.0240	26.8	4.13
473.004	4	125	0.0194	35.0	4.13
473.005	5	125	0.0133	54.8	4.13
473.007	7	125	0.0092	105.0	1.74



SUBMINIATURE PICO® II 250 VOLT VERY FAST-ACTING TYPE

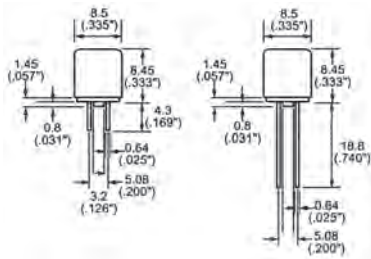
The PICO® II 250 Volt product is a specially designed axial leaded fuse that achieves a 250 volt rating in a small package for both domestic and international applications.

INTERRUPTING RATINGS:
50 amperes at 250VAC.

ENVIRONMENTAL SPECIFICATIONS:
Operating Temperature: -55°C to 125°C.
Insulation Resistance (After Opening): MIL-STD-202, Method 302, Test Condition A (10,000 ohms minimum at 100 volts).

PHYSICAL SPECIFICATIONS:
Materials: Encapsulated, Epoxy-Coated Body; Solder Coated Copper Leads.
Soldering Parameters: Wave solder—500°F (260°C), 10 sec.
Packaging: Tape and Reel per EIA Standard 296. 1000 fuses per reel.

Cat. No.	Ampere Rating	Voltage Rating	Nominal Resistance Cold Ohms	Nominal Melting I ² t A ² Sec.	Net Price
263.062	1/16	250	5.50	0.000192	\$2.89
263.125	1/8	250	1.75	0.00251	2.30
263.250	1/4	250	1.2	0.0165	2.30
263.375	3/8	250	1.730	0.0444	2.30
263.500	1/2	250	0.510	0.1125	2.30
263.750	3/4	250	0.300	0.0411	1.90
263.001	1	250	0.210	0.087	1.90
263.01.5	1 1/2	250	0.0560	0.398	1.90
263.002	2	250	0.0420	0.74	1.90
263.02.5	2 1/2	250	0.0335	1.197	1.90
263.003	3	250	0.0280	1.77	1.90
263.03.5	3 1/2	250	0.0238	2.33	1.90
263.004	4	250	0.0210	3.08	1.90
263.005	5	250	0.0180	5.55	1.90



LT-5™ SUBMINIATURE TIME LAG FUSES

Meets IEC 127-3/1 specifications.

INTERRUPTING RATINGS:

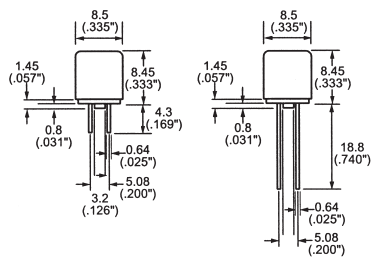
35A or 10X rated current; whichever is greater

ELECTRICAL CHARACTERISTICS

% of Ampere Rating	Time
210%	2 minutes, maximum
275%	.4 sec. min.; 10 seconds maximum
400%	.15 sec. min.; 3 seconds maximum
1000%	.02 sec. min.; .15 seconds maximum

Cat. No.	Ampere Rating	Voltage Rating	Nominal Melting I ² t (A ² Sec)	Net Price
0663.050	.050	250	0.03	\$.79
0663.063	.063	250	0.05	\$.79
0663.080	.080	250	0.07	\$.71
0663.100	.100	250	0.08	\$.71
0663.125	.125	250	0.12	\$.69
0663.160	.160	250	0.24	\$.71
0663.200	.200	250	0.35	\$.64
0663.250	.250	250	0.6	\$.64
0663.315	.315	250	0.8	\$.64
0663.400	.400	250	1.1	\$.62
0663.500	.500	250	2.5	\$.64
0663.630	.630	250	4	\$.64
0663.800	.800	250	8	\$.64
0663001	1.00	250	12	\$.43
06631.25	1.25	250	15	\$.64
066301.6	1.60	250	30	\$.64
0663002	2.00	250	34	\$.43
066302.5	2.50	250	55	\$.64
06633.15	3.15	250	76	\$.64
0663004	4.00	250	80	\$.45
0663005	5.00	250	230	\$.45
066306.3	6.30	250	360	\$.64

NOTE: 750 fuses per reel, minimum purchase of 1 reel.



LT-5™ SUBMINIATURE TIME LAG EXTENDED BREAKING CAPACITY FUSES

Similar to the 663 Series, this fuse is designed with a higher breaking capacity. Meets IEC 127-3/4 specifications.

INTERRUPTING RATINGS:

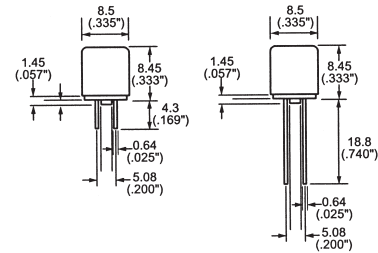
100A at 250 VAC

ELECTRICAL CHARACTERISTICS

% of Ampere Rating	Time
210%	2 minutes, maximum
275%	.4 sec. min.; 10 seconds maximum
400%	.1 sec. min.; 3 seconds maximum
1000%	.02 sec. min.; .15 seconds maximum

Cat. No.	Ampere Rating	Voltage Rating	Nominal Melting I ² t (A ² Sec)	Net Price
0664.800	.800	250	2.2	\$.86
0664001	1.00	250	4.4	\$.66
06641.25	1.25	250	6.3	\$.86
066401.6	1.60	250	10	\$.86
0664002	2.00	250	16	\$.66
066402.5	2.50	250	32	\$.86
06643.15	3.15	250	57	\$.86
0664004	4.00	250	77	\$.63
0664005	5.00	250	155	\$.68
066406.3	6.30	250	262	\$.86

NOTE: 750 fuses per reel, minimum purchase of 1 reel.



LT-5™ SUBMINIATURE TIME LAG FUSES

INTERRUPTING RATINGS:

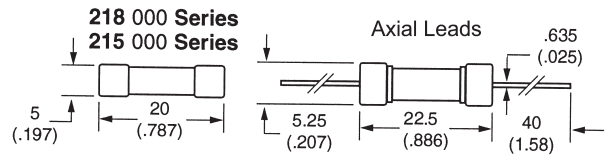
50A at 250 VAC

ELECTRICAL CHARACTERISTICS

% of Ampere Rating	Time
100%	4 hours min.
150%	10 minutes max.
200%	60 sec. max.

Cat. No.	Ampere Rating	Voltage Rating	I ² t at 10 x In (A ² Sec)	Net Price
0665.250	.250	250	0.26	\$.97
0665001	1.00	250	6.85	\$.51
066501.6	1.60	250	17.5	\$.64
06653.15	3.15	250	55	\$.64
066506.3	6.30	250	287	\$.64

NOTE: 750 fuses per reel, minimum purchase of 1 reel.



NOTE: METRIC DIMENSIONS ARE SHOWN. INCH DIMENSIONS ARE IN PARENTHESES.

DESIGNED TO IEC STANDARD 5 x 20mm SLO-BLO® TYPE FUSE

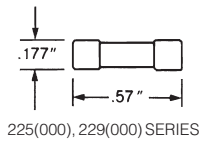
ELECTRICAL CHARACTERISTICS

% of Ampere Rating	218 000 SERIES-GLASS TYPE T, Sheet III Ampere Rating		215 000 SERIES-CERAMIC TYPE T, Sheet V Ampere Rating	
	.032-100A	.125-10A	1-3.15A	4-6.3A
150%	60 minutes minimum	60 minutes minimum	60 minutes minimum	60 minutes minimum
210%	2 minutes Max	2 minutes Max	30 minutes Max	30 minutes Max
275%	0.2-10 seconds	0.6-10 seconds	1-80 seconds	1-80 seconds
400%	0.04-3.0 seconds	0.15-3 seconds	.095-5 seconds	.150-5 seconds
1000%	0.01-0.3 seconds	0.02-0.3 seconds	.010-.1 seconds	.020-.1 seconds

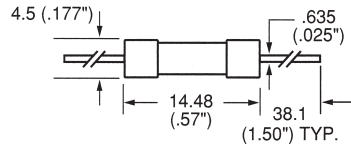
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Cat. No.	Ampere Rating	Voltage Rating	Net Price
218001	1	250	\$1.12
2181.25	1.25	250	1.07
21801.6	1.6	250	1.07
218002	2	250	1.07
21802.5	2.5	250	1.07
2183.15	3.15	250	1.12
218004	4	250	1.07
218005	5	250	1.07
21806.3	6.3	250	1.07
218008	8*	250	1.67
218010	10*	250	1.67

Cat. No.	Ampere Rating	Voltage Rating	Net Price
SLO-BLO			
229.250	1/4	250	\$.74
229.375	3/8	250	.74
229.500	1/2	250	.74
229.750	3/4	250	.74
229001	1	250	.74
22901.5	1 1/2	250	.74
229002	2	250	.74
22902.5	2 1/2	250	.74
229003	3	250	.74
22903.5	3 1/2	250	.74
229004	4	125	.74
229005	5	125	.74
229007	7	125	.74



225(000), 229(000) SERIES



224(000), 230(000) SERIES

LITTELFUSE 2AG FAST-ACTING OR SLO-BLO FUSES 3AG PERFORMANCE IN A SUBMINIATURE SIZE

The Performance of a Fast-Acting or Slo-Blo **3AG** fuse in a package of less than half the size. This low-density feature makes the **2AG** fuse a great candidate for crowded printed circuit boards or any other application requiring space-saving, economical protection. Also available with pigtail leads for direct soldering into the circuit (for ultimate space saving), or may be used with the **111501** mating PCB fuse clips, the **286377** Flip-Top, Shock-Safe fuseholder or the **254 Series 2AG OMNI-BLOK** one-piece fuse/clip blocks.

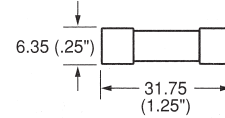
SPECIFICATIONS:

Electrical Ratings: 250 Volts, 7 Amps
Ambient Temperature: -55°C to +125°C
Vibration: 10-55-10 Hz. at .06" double amplitude (method 201, MIL-STD-202)

Cat. No.	Ampere Rating	Voltage Rating	Net Price
FAST-ACTING PIG TAIL			
224.125	1/8	250	\$1.23
224.250	1/4	250	1.23
224.375	3/8	250	1.23
224.500	1/2	250	.94
224.750	3/4	250	.94
224001	1	250	.94
22401.5	1 1/2	250	.94
224002	2	250	.94
22402.5	2 1/2	250	.94
224003	3	250	.94
22403.5	3 1/2	250	.94
224004	4	125	.94
224005	5	125	.94
224007	7	125	.94

Cat. No.	Ampere Rating	Voltage Rating	Net Price
FAST-ACTING			
225.125	1/8	250	.92
225.250	1/4	250	.92
225.375	3/8	250	.92
225.500	1/2	250	.60
225.750	3/4	250	.64
225001	1	250	.64
22501.5	1 1/2	250	.64
225002	2	250	.64
22502.5	2 1/2	250	.64
225003	3	250	.64
22503.5	3 1/2	250	.64
225004	4	125	.64
225005	5	125	.64
225007	7	125	.64

Cat. No.	Ampere Rating	Voltage Rating	Net Price
SLO-BLO PIG TAIL			
230.250	1/4	250	1.05
230.375	3/8	250	1.05
230.500	1/2	250	1.05
230.750	3/4	250	1.05
230001	1	250	1.05
23001.5	1 1/2	250	1.05
230002	2	250	1.05
23002.5	2 1/2	250	1.05
230003	3	250	1.05
23003.5	3 1/2	250	1.05
230004	4	125	1.05
230005	5	125	1.05
230007	7	125	1.05



AMERICAN TYPE 3AG FUSES 312 000 SERIES FAST-ACTING TYPE 313 000 SERIES SLO-BLO TYPE

A standard for cost effective reliability and performance in circuit protection, the 3AG fuse satisfies a broad range of application requirements. Most popular of the American type fuses. For original installation or replacements in American type industrial and consumer electronic equipment.

Cat. No.	Ampere Rating	Voltage Rating	Net Price
FAST ACTING TYPE			
312.010	1/100	250	\$9.73
312.031	1/32	250	9.73
312.062	1/16	250	1.15
312.100	1/10	250	1.15
312.125	1/8	250	1.15
312.150	1 1/100	250	1.15
312.187	3/16	250	1.15
312.200	2/10	250	1.15
312.250	1/4	250	.70
312.300	3/10	250	.70
312.375	3/8	250	.70
312.500	1/2	250	.49
312.600	9/10	250	.49
312.750	3/4	250	.49
312001	1.0	250	.31
312002	2.0	250	.31
312003	3.0	250	.31
312004	4.0	250	.48
312005	5.0	250	.48
312006	6.0	250	.48
312007	7.0	250	.48
312008	8.0	250	.65
312010	10.0	250	.65

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