

ANTREX Electronics

Electronic Components Sourcing Information

Product Reference Information

Part Number: 03590012Z
Manufacturer: Littelfuse Inc.
Package: Bulk
Availability: Please confirm with sales

Product Page:

<https://antrexco.com/product/details/littelfuse-inc/03590012z.html>

Request a Quote:

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Contact Information

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Quality & Trust

New & Original Components

Supplier verification and packaging condition review

CoC / RoHS / REACH documents available on request

Secure sourcing support for OEM / EMS projects

Note:

This PDF includes an ANTREX product reference cover page.

The original manufacturer datasheet follows from the next page.

Fuse Blocks and Clips

For 3AG Fuses

RoHS 3AG Screw Terminal Laminated Base Type



APPROVALS:† 356 000 Series (250V) Recognized under the Components Program of Underwriters Laboratories.

SPECIFICATIONS:

Electrical: Rated for currents up to 15 amperes (units with spring brass clips) or up to 30 amperes (beryllium copper clips).

Clips: 356 000 Series: Nickel-plated spring brass.

359 000 Series: Silver-plated beryllium copper.

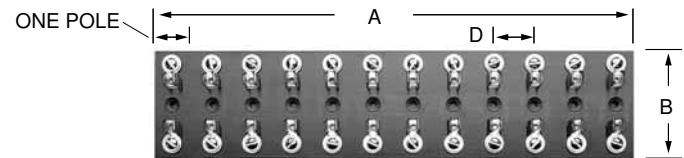
Terminals: 8-32THD screw type.

Base: Black phenolic laminate.

Mounting Hole: 3AG Block: Reference Dimensions
.142"/.147" diameter with .295"/.302"
x 82°C.S.

ORDERING INFORMATION: (Including Reference Dimensions)

For 3AG Fuses			
No. of Poles	Dimension "A"	Catalog Number	
1	.78"	356 001	359 001
2	1.69"	356 002	359 002
3	2.59"	356 003	359 003
4	3.50"	356 004	359 004
5	4.41"	356 005	359 005
6	5.31"	356 006	359 006
7	6.21"	356 007	359 007
8	7.12"	356 008	359 008
9	8.03"	356 009	359 009
10	8.94"	356 010	359 010
11	9.84"	356 011	359 011
12	10.75"	356 012	359 012

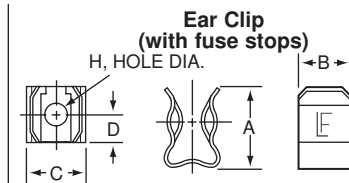
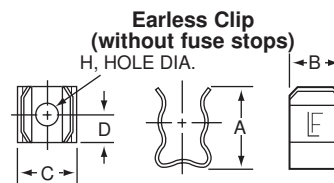


C = Board Thickness E = Overall Height
356 000, 359 000 and 556 000 Series

REFERENCE DIMENSIONS:

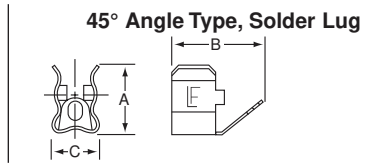
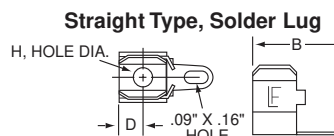
Fuse Type	A	B	C	D	E
3AG	See	2.38"	.25"	.91"	.73"

RoHS For 1/4" — 13/16" Diameter Fuses Rivet/Eyelet Mount Type



† See Ordering Information below.

RoHS For 1/4" Diameter Fuses Rivet/Eyelet Mount Solder Type



ORDERING INFORMATION:

Style	Fuse Type	Catalog Number		Fuse Diameter	A	B	C	D	H Diameter
		Spring Brass Nickel-plated	Beryllium Copper Silver-plated						
† Ear	3AG	101 001	121 001	1/4"	.48"	.31"	.30"	.16"	.131"
	Midget	105 001	125 001	13/32"	.75"	.44"	.52"	.22"	.196"
	NEC 1–30 amp	107 001	127 001	9/16"	.94"	.59"	.65"	.25"	.203"
	NEC 30–60 amp	109 001**	129 001	13/16"	1.31"	.75"	.87"	.30"	.265"
† Earless	3AG	101 002	121 002	1/4"	.48"	.31"	.30"	.16"	.131"
	Midget	105 002	125 002	13/32"	.75"	.44"	.52"	.22"	.196"
	NEC 1–30 amp	107 002	127 002	9/16"	.94"	.59"	.65"	.25"	.203"
	NEC 30–60 amp	109 002**	129 002	13/16"	1.31"	.75"	.87"	.30"	.265"
Solder Lug 45°	3AG	101 003*	121 004	1/4"	.47"	.56"	.31"	.16"	.131"
Solder Lug Straight	3AG	102 064*	—	1/4"	.47"	.64"	.31"	.16"	.131"

*Tin-plated

**Bare Phos. Bronze

Fuse Blocks and Clips

For 1/4 Diameter Fuses

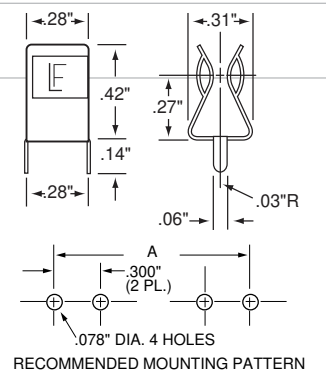
RoHS **Pb** **Traditional** P.C. Board Type 

ORDERING INFORMATION:

Catalog Number	Clip Material*	Finish	Style
102 071	Spring Brass	Tin-plated	Ear
102 074	Spring Brass	Tin-plated	Earless
102 076	Spring Brass	Hot Tin	Ear
122 083	Beryllium Copper	Silver-plated	Ear
122 087	Beryllium Copper	Silver-plated	Earless
122 088	Beryllium Copper	Tin-plated	Ear
122 093	Beryllium Copper	Tin-plated	Earless



Nominal Fuse Length	Length "A"
5/8	.750
3/4	.875
7/8	1.000
1	1.125
1 1/16	1.187
1 1/4	1.347
1 7/16	1.562

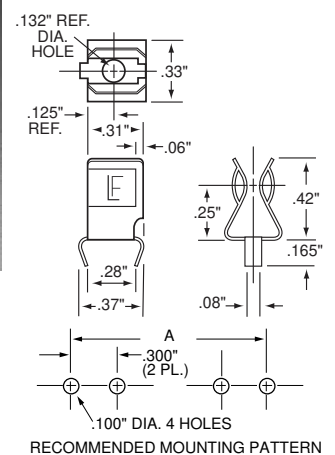


RoHS **Pb** **Bowed Tab** P.C. Board Type 

Catalog Number	Clip Material*	Finish	Style
102 078	Spring Brass	Tin-plated	Earless
102 079	Spring Brass	Tin-plated	Ear



Nominal Fuse Length	Length "A"
5/8	.750
3/4	.875
7/8	1.000
1	1.125
1 1/16	1.187
1 1/4	1.347
1 7/16	1.562

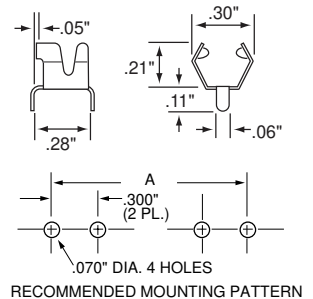


RoHS **Pb** **Low Profile** P.C. Board Type 

Catalog Number	Clip Material*	Finish	Style
102 080	Spring Brass	Tin-plated	Ear
122 090	Beryllium Copper	Silver-plated	Ear



Nominal Fuse Length	Length "A"
5/8	.760
3/4	.880
7/8	1.005
1	1.130
1 1/16	1.195
1 1/4	1.380
1 7/16	1.570



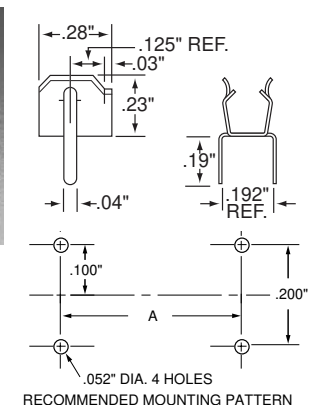
RoHS **Pb** **Low Profile** P.C. Board Type 

Catalog Number	Clip Material*	Finish	Style
100 058	Spring Brass	Tin-plated	Ear

*NOTE: Spring brass clips are suitable for current levels up to 15 amperes; beryllium copper clips up to 30 amperes.



Nominal Fuse Length	Length "A"
1	0.781
1 1/4	1.035
1 7/16	1.250



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FUSE BLOCKS AND CLIPS

Fuse Blocks and Clips

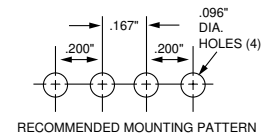
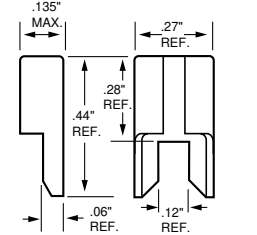
For Various Diameter Fuses

RoHS ATO® Fuse Clip P.C. Board Type

ORDERING INFORMATION:

Catalog Number	Clip Material*	Finish
100 057	Spring Brass	Tin-plated

NOTE: #100 057 spring brass, tin-plated clips available for printed circuit board mounting. Suitable for current levels up to 15 amperes. First time fuse insertion force may approach 40 lbs.



RoHS For 2AG or 5mm Diameter Fuses P.C. Board Type

ORDERING INFORMATION:

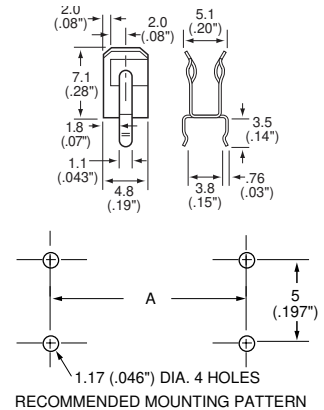
Catalog Number	Clip Material	Finish	Style
111 501	Spring Brass	Tin-plated	Ear
111 506	Beryllium Copper	Tin-plated	Ear
111 505	Beryllium Copper	Tin-plated	Surface Mount

NOTE: Suitable for current levels up to 10 amperes.

NOTE: Metric dimensions are shown. Inch dimensions are in parentheses.



Table 1	A Dim.
2AG	12.7 (.50")
5x20	17.8 (.70")



RoHS For 5mm Diameter Fuses P.C. Board Type

ORDERING INFORMATION:

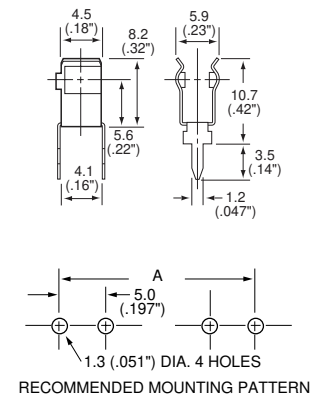
Catalog Number	Clip Material	Finish	Style
100 054	Spring Brass	Silver-plated	Ear
100 056	Spring Brass	Tin-plated	Ear

NOTE: Spring brass clips are suitable for current levels up to 10 amperes.

NOTE: Metric dimensions are shown. Inch dimensions are in parentheses.



Fuse Size	A Dim.
5mm x 20mm	20.5 (.807")
5mm x 25mm	25.5 (1.004")
5mm x 30mm	31.0 (1.220")



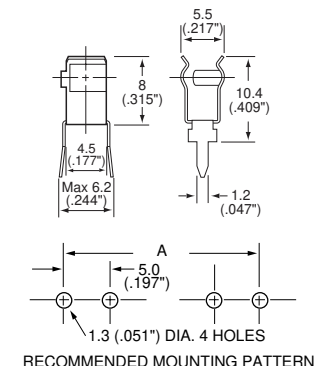
RoHS For 5mm Diameter Fuses P.C. Board Type

ORDERING INFORMATION:

Catalog Number	Clip Material	Finish	Style
0445 0001	Spring Brass	Tin-plated	Ear
0030 0210	Spring Brass	Nickel-plated	Ear
0520 0001	Spring Brass	Silver-plated	Ear

NOTE: Spring brass clips are suitable for current levels up to 10 amperes.

Fuse Size	A Dim.
5mm x 20mm	20.5 (.807")
5mm x 25mm	25.5 (1.004")
5mm x 30mm	31.0 (1.220")



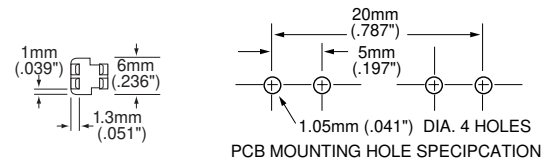
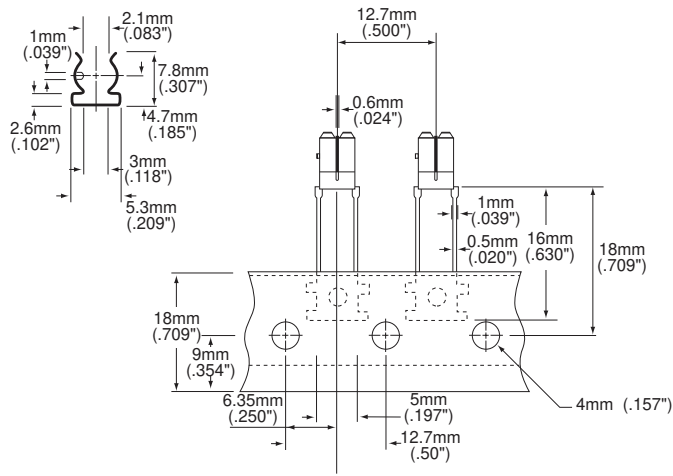
Fuse Blocks and Clips

RoHS For 5mm Diameter Fuses Automatic Insertion Type

ORDERING INFORMATION:

Catalog Number	Clip Material	Finish	Style
0111 0005MR	Phosphor Bronze	Tin-plated	Ear

Ammo Pack 1000 Pcs.

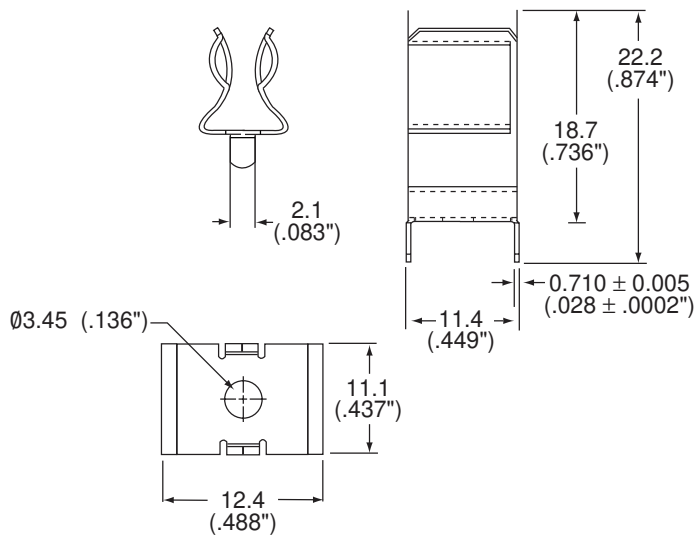


NOTE: #0111 005 phosphor bronze, tin-plated clips designed for automatic insertion are suitable for current levels up to 10 amperes.

RoHS For Midget Fuses (13/32") PC Board Mount



ELECTRICAL SPECIFICATIONS: 15A at 250VAC



ORDERING INFORMATION:

Catalog Number	Clip Material	Finish	Style	Amp Rating	Voltage Rating
0105 0003	Spring Brass	Tin-plated	Ear	15A	250VAC
0125 0003	Beryllium Copper	Tin-plated	Ear	30A	250VAC

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FUSE BLOCKS AND CLIPS