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MOUNTING DETAILS 46-49

AUTOMOTIVE BLADE FUSE CLIP & HOLDERS

- Available for standard, mini and maxi fuse sizes
- Horizontal and vertical mini blade clips and holders for Littelfuse Low Profile Mini 897 series, Mini 297 or 997 series, Bussmann ATM series fuses or equivalents

- Horizontal and vertical standard blade clips and holders for Littelfuse ATO 257 series and Bussmann ATC series fuses or equivalents
- Vertical maxi blade clips and holders for Littelfuse Maxi 297 series and Bussmann MAX series fuses or equivalent.

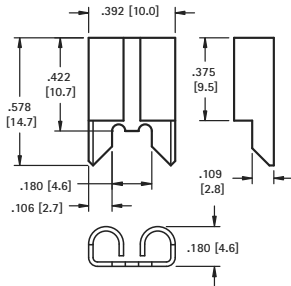
- Thru hole PC mountable, maintains position during wave soldering
- Holds fuse securely, even after multiple insertions
- Available with orientation legs to assure proper orientation

“MAXI” AUTOMOTIVE FUSE CLIP & HOLDER

FOR .312 (7.9) × .032 (.80) MAXI BLADE FUSES

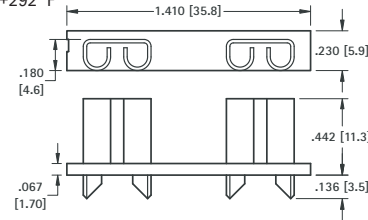
For Littelfuse Maxi 297 series/Bussmann Max series or equivalent

- Thru hole PC mountable, maintains position during wave soldering
- Holder design prevents solder wicking
- Withstands the rigors of shock and vibration
- Holds fuse securely, even after multiple insertions

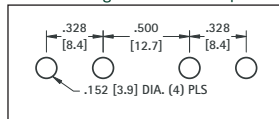


SPECIFICATIONS

Contacts: .020 (.51) Copper, Tin-Nickel Plate
Insulator: Glass filled Nylon, UL Rated 94V-0
Current Rating: 60 Amps @ 500V AC
Operating Temp. Range: -58°F to +292°F (-50°C to +145°C)



Mounting Detail For Two Clips



CAT. NO. 3555

CAT. NO. 3555-2

MODULAR AUTOMOTIVE BLADE FUSE HOLDERS

FOR .205 (5.2) × .025 (.64) STANDARD BLADE FUSES

For Littelfuse ATO 257 series/Bussmann ATC series or equivalent

SPECIFICATIONS

Contacts: Brass, Tin Plate
Body: Nylon
Current Rating: 20 Amps @ 500V AC
Operating Temp. Range: -58°F to +292°F (-50°C to +145°C)

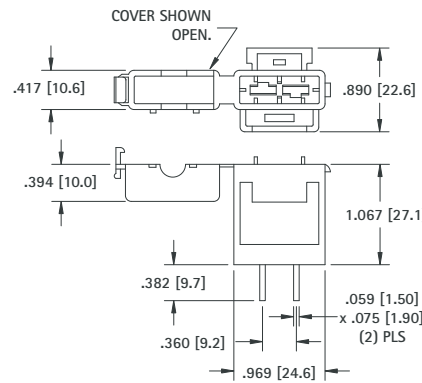
- Designed for standard auto blade fuses
- Fully insulated compact design
- Mounts easily in pre-drilled or punched hole
- Holder has pocket to hold spare fuse
- Safety lever release clip will not open under shock or vibration
- Fuses are installed and removed easily
- May be used individually or easily interlocked for multiple mounting



3560 (Shown with two 3560 holders, interlocked)



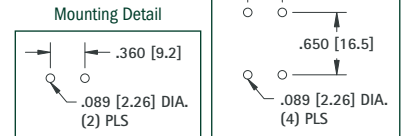
3559 (14 gauge wire lead must be cut and spliced for in-line use)



CAT. NO. 3560 (PC Mount)

CAT. NO. 3559 (In Line)

Mounting Detail For Two Holders



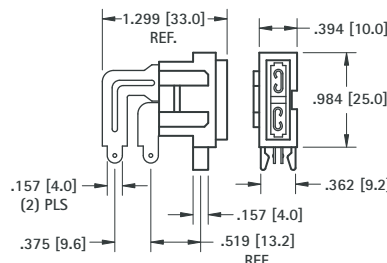
SPECIFICATIONS

Contacts: Brass, Tin Plate
Body: Nylon
Current Rating: 20 Amps @ 500V AC
Operating Temp. Range: -58°F to +292°F (-50°C to +145°C)

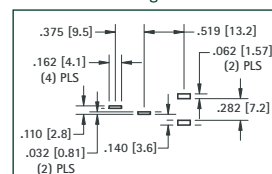
- Fully insulated fuse mount
- Designed for standard auto blade fuses
- Mounts easily in punched hole
- Fuses are installed and removed easily
- May be used individually or easily interlocked for multiple mounting



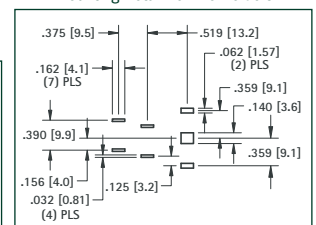
CAT. NO. 3558



Mounting Detail



Mounting Detail For Two Holders



“AUTO” FUSE CLIPS & HOLDERS

STANDARD AUTOMOTIVE BLADE FUSE CLIPS & HOLDERS

FOR .205 (5.2) × .025 (.64) STANDARD BLADE FUSES

For Littelfuse ATO 257 series/Bussmann ATC series or equivalent

- Holds fuse securely, even after multiple insertions
- Thru hole-mount, maintains position during wave soldering
- Withstands the rigors of shock and vibration
- Holder design prevents solder wicking

VERTICAL FUSE ENTRY

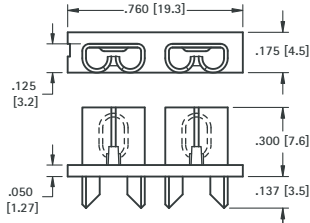
SPECIFICATIONS

Contacts: .016 (.41) Brass, Tin-Nickel Plate

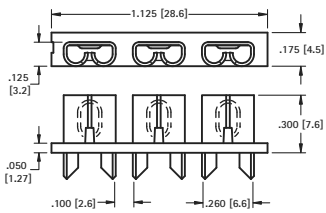
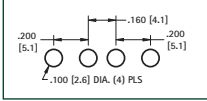
Insulator: Glass filled Nylon, UL Rated 94V-0

Current Rating: 30 Amps @ 500V AC

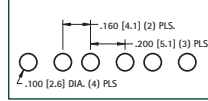
Operating Temp. Range: -58°F to +292°F (-50°C to +145°C)



Mounting Detail For Two Clips



Mounting Detail For Two Clips



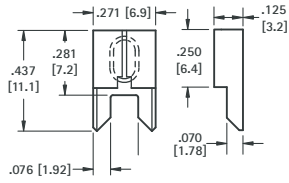
3522-2

3522-3

CAT. NO. 3522-2

CAT. NO. 3522-3

VERTICAL ENTRY

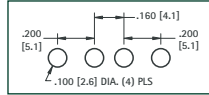


SPECIFICATIONS

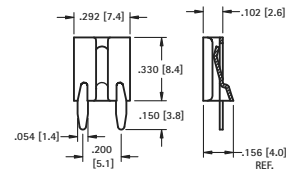
Contacts: .016 (.41) Brass, Matte Tin Plate

Current Rating: 20 Amps @ 500 VAC

Mounting Detail For Two Clips



LOW INSERTION FORCE



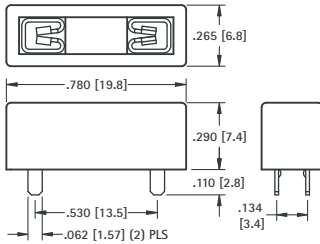
CAT. NO. 3522

CAT. NO. 3573

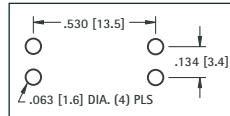
2 IN 1 FUSE HOLDER

For Littelfuse ATO 257 series/Bussmann ATC series, Littelfuse Low Profile Mini 897 series or equivalents

- Low insertion force
- Fuse holder fully insulates clips to protect fuse from shorting
- Holder assures proper spacing and reduces assembly time
- Thru hole PC mountable, maintains position during wave soldering



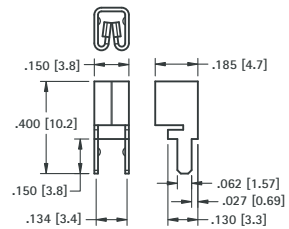
Mounting Detail



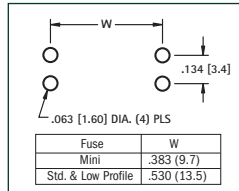
UNIVERSAL CLIP

For Littelfuse ATO 257 series/Bussmann ATC series, Littelfuse Mini 297 or 997 series/Bussmann ATM series, Littelfuse Low Profile Mini 897 series or equivalents

- Accepts most Auto-Blade Fuses
- Low insertion force
- Thru hole PC mountable, maintains position during wave soldering



Mounting Detail



CAT. NO. 3557-2

CAT. NO. 3557 - Top Entry

CAT. NO. 3577 - Bottom Entry

HORIZONTAL FUSE ENTRY

- Designed for low height clearance applications
- Fuse will be inserted parallel to board
- Thru hole mount, maintains position during wave soldering
- Fuse holder fully insulates clips to protect fuse from shorting
- Holder assures proper spacing and reduces assembly time
- Polarized legs assure proper orientation of clips onto board

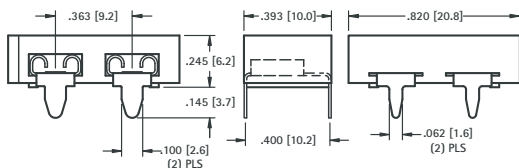
SPECIFICATIONS

Contacts: .012 (.30) Brass, Nickel Plate

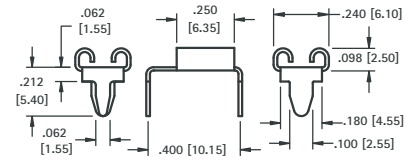
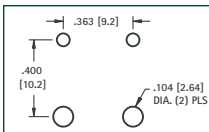
Insulator: PBT, UL Rated 94V-0

Current Rating: 30 Amps @ 500V AC

Operating Temp. Range: -58°F to +292°F (-50°C to +145°C)



Mounting Detail For Two Clips



CAT. NO. 3550-2

CAT. NO. 3550

"MINI" AUTOMOTIVE FUSE CLIPS & HOLDERS

For .110 (2.8) × .032 (.80) MINI BLADE FUSES

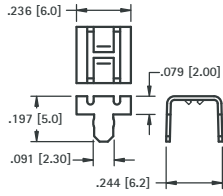
For Littelfuse Mini 297 or 997 series/Bussmann ATM series or equivalent

VERTICAL FUSE ENTRY

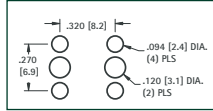
Thru Hole Mount



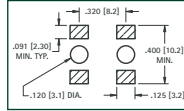
- Low Profile



Mounting Detail For Two Clips



Pad Layout For Two Clips

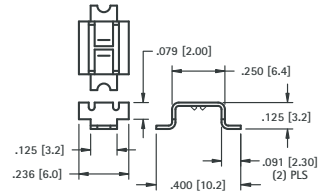


AVAILABLE ON TAPE AND REEL

Surface Mount



- Low Profile



CAT. NO. 3563 (Bulk)

CAT. NO. 3563TR (Tape & Reel)

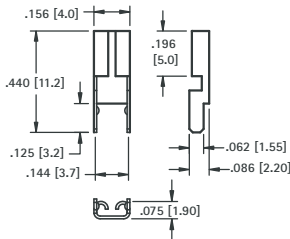
Tape & Reel Spec's: 24mm wide; 12mm pitch; 13 inch reel (1500 pieces per reel)

CAT. NO. 3564

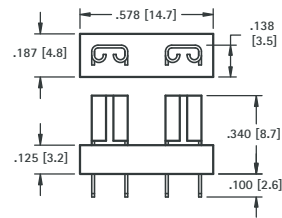
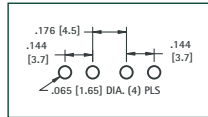


SPECIFICATIONS

Material: .012 (.30) Brass
Insulator: Glass filled Nylon, UL Rated 94V-0
Current Rating: 30 Amps @ 500V AC
Operating Temp. Range: -58°F to +292°F (-50°C to +145°C)



Mounting Detail For Two Clips



CAT. NO. 3544 Tin-Nickel Plate

CAT. NO. 3544-2 Tin Plate



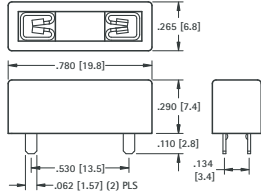
LOW PROFILE MINI FUSE HOLDER

For Littelfuse Low Profile Mini 897 series or equivalent

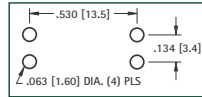
- Low insertion force
- Thru hole PC mountable, maintains position during wave soldering
- Fuse holder fully insulates clips to protect fuse from shorting
- Holder assures proper spacing and reduces assembly time

SPECIFICATIONS

Contacts: .016 (.41) Brass, Tin-Nickel Plate
Insulator: Nylon 6/6, UL Rated 94V-0
Current Rating: 20 Amps @ 500V AC
Operating Temp. Range: -58°F to +292°F (-50°C to +145°C)

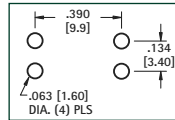


Mounting Detail



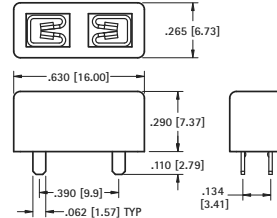
Refer to page 39 for Cat. No. 3557 Clip details

Mounting Detail



MINI FUSE HOLDER

For Littelfuse Mini 297 or 997 series/Bussmann ATM or equivalents



CAT. NO. 3568

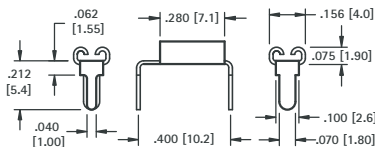
CAT. NO. 3557-2

HORIZONTAL FUSE ENTRY

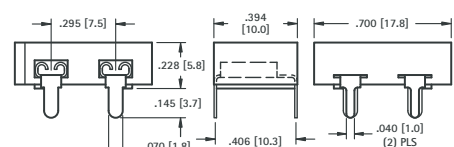
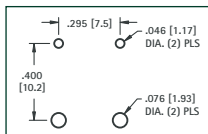
For Littelfuse Mini 297 or 997 series/Bussmann ATM series or equivalent

SPECIFICATIONS

Contacts: .012 (.30) Brass, Nickel Plate
Insulator: Nylon 6/6, UL Rated 94V-0
Current Rating: 30 Amps @ 500V AC
Operating Temp. Range: -58°F to +292°F (-50°C to +145°C)



Mounting Detail For Two Clips



CAT. NO. 3549-2

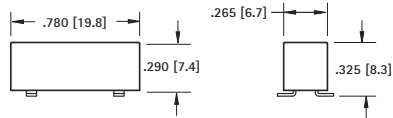
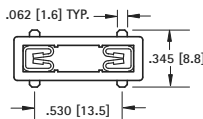
CAT. NO. 3549

SMT "AUTO" BLADE FUSE HOLDERS

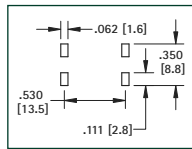
- Compatible with most vacuum and mechanical pick and place assembly systems.
- Fully insulated clips to protect fuses against shorting.
- One piece assembly reduces assembly time
- Withstands shock and vibration.

2 in 1 FUSE HOLDER

For Standard: Littelfuse: ATO series/
Bussmann ATC series.
For Low Profile: Littelfuse: 891 series/
Bussmann ATM-LP series



Mounting Detail



SPECIFICATIONS

Contacts: .016 (.41) Brass, Tin-Nickel Plate
Insulator: High Temperature Nylon 46, UL 94V-0
Operating Temp. Range: -58°F to +292°F (-50°C to +145°C)
Current Rating: 20 Amps @ 500V AC

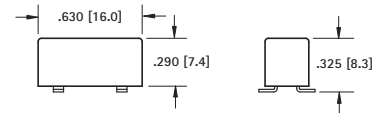
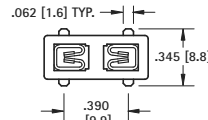
CAT. NO. 3587 (Bulk)

CAT. NO. 3587TR (Tape & Reel)

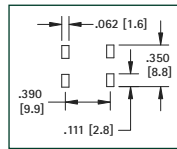
Tape & Reel Spec's: 32mm wide, 16mm pitch, 13 inch reel (500 pieces per reel)

MINI FUSE HOLDER

For Mini: Littelfuse: MIN series/
Bussmann ATM series or equivalent



Mounting Detail



SPECIFICATIONS

Contacts: .016 (.41) Brass, Tin-Nickel Plate
Insulator: High Temperature Nylon 46, UL 94V-0
Operating Temp. Range: -58°F to +292°F (-50°C to +145°C)
Current Rating: 20 Amps @ 500V AC

CAT. NO. 3588 (Bulk)

CAT. NO. 3588TR (Tape & Reel)

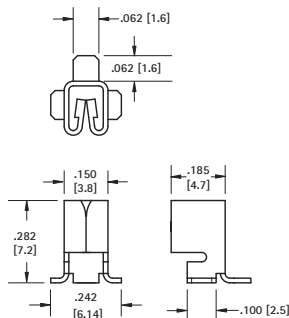
Tape & Reel Spec's: 32mm wide, 16mm pitch, 13 inch reel (500 pieces per reel)

SMT "AUTO" BLADE FUSE CLIPS

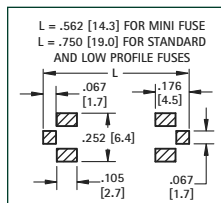
- Compatible with most vacuum and mechanical pick and place assembly systems.
- Accepts standard and mini blade automotive blade fuses.
- Clip with Matte-Tin plate is ideal for low temperature soldering applications, for other temperature sensitive components.
- Clips with Tin-Nickel plate are ideal for lead free, high temperature soldering applications.

VERTICAL ENTRY

For Mini: Littelfuse: MIN series/Bussmann ATM series.
For Standard: Littelfuse: ATO series/Bussmann ATC series.
For Low Profile: Littelfuse: 891 series/Bussmann ATM-LP series



Pad Layout For Two Clips



SPECIFICATIONS

Material: .016 (.41) Brass, Tin-Nickel Plate
Current Rating: 20 Amps @ 500V AC

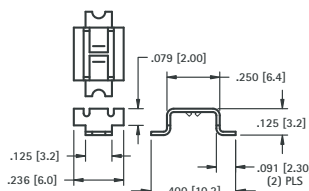
CAT. NO. 3586 (Bulk)

CAT. NO. 3586TR (Tape & Reel)

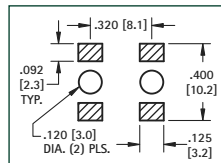
Tape & Reel Spec's: 16mm wide, 12mm pitch, 13 inch reel (750 pieces per reel)

VERTICAL ENTRY

For Mini: Littelfuse: MIN series/Bussmann ATM series or equivalent



Pad Layout For Two Clips



SPECIFICATIONS

Material: .016 (.41) Brass, Matte Tin Plate
Current Rating: 30 Amps @ 500V AC

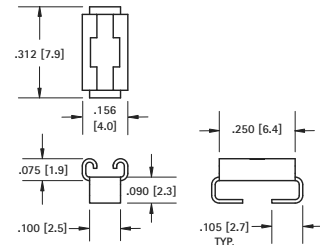
CAT. NO. 3563 (Bulk)

CAT. NO. 3563TR (Tape & Reel)

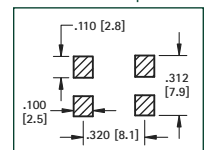
Tape & Reel Spec's: 24mm wide, 12mm pitch, 13 inch reel (1500 pieces per reel)

HORIZONTAL ENTRY

For Mini: Littelfuse: MIN series/Bussmann ATM series or equivalent



Mounting Detail For Two Clips



SPECIFICATIONS

Material: .012 (.30) Brass, Tin-Nickel Plate
Current Rating: 15 Amps @ 500V AC

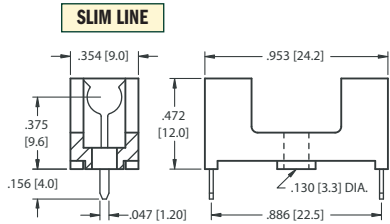
CAT. NO. 3569 (Bulk)

CAT. NO. 3569TR (Tape & Reel)

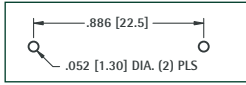
Tape & Reel Spec's: 24mm wide, 8mm pitch, 13 inch reel (2000 pieces per reel)

5mm x 20mm FUSE HOLDERS

5mm & 3AG FUSE HOLDERS



Mounting Detail



- Optional cover with window protects and insulates fuse
- Flame Retardant

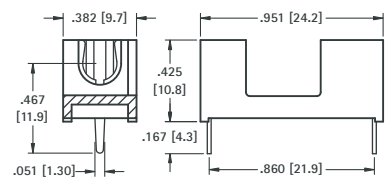
CAT. NO. 4628 - Holder

CAT. NO. 4628C - Cover only (with window)

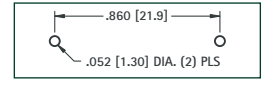
SPECIFICATIONS

Base & Cover: Nylon, UL Rated 94V-0
Clips: Brass, Tin Plate
Rated: 5 Amps @ 250V AC
Operating Temp. Range: -58°F to +292°F (-50°C to +145°C)

LOW PROFILE



Mounting Detail



- Low profile, space saving design
- Optional cover protects and insulates fuse
- Flame Retardant

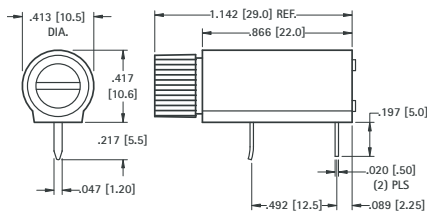
CAT. NO. 4527 - Holder

CAT. NO. 4527C - Cover only

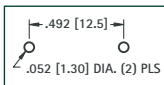
SPECIFICATIONS

Base & Cover: Nylon, UL Rated 94V-0
Clips: Brass, Tin Plate
Rated: 5 Amps @ 250V AC
Operating Temp. Range: -58°F to +292°F (-50°C to +145°C)

FULLY INSULATED



Mounting Detail



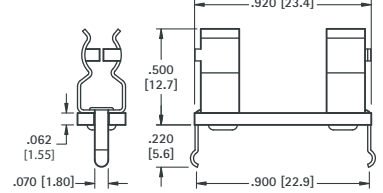
- Supplied unassembled
- Shock resistant
- Fuse can be accessed from board edge
- Fuse is completely enclosed, protecting use from shorting and breaking

CAT. NO. 4525

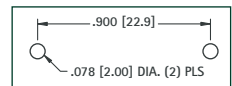
SPECIFICATIONS

Base: PBT
Contacts: Brass, Tin Plate
Rated: 10 Amps @ 250V AC
Operating Temp. Range: -58°F to +292°F (-50°C to +145°C)

PC SNAP-IN



Mounting Detail



- Snap-in design for wave soldering
- Flame Retardant
- Optional cover protects and insulates fuse - **Cat. No. 3527C**

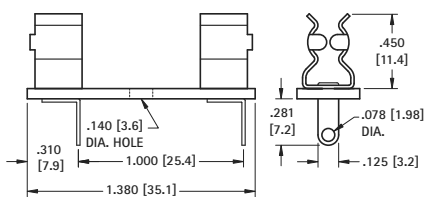
CAT. NO. 3527 - Holder

SPECIFICATIONS

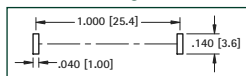
Base: .062 (1.57) G-10, UL Rated 94V-0
Clips: Brass, Tin Plate
Rated: 6.3 Amps @ 250V AC
Operating Temp. Range: -58°F to +292°F (-50°C to +145°C)

3AG FUSE HOLDERS

TERMINATION LUGS CAN BE USED WITH WIRES OR PC MOUNT



Mounting Detail



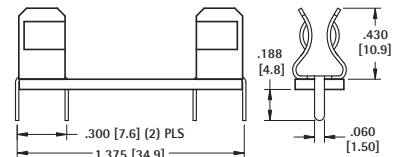
SPECIFICATIONS

Base: .062 (1.57) GPO-3, UL Rated 94V-0
Clips: Brass, Tin Plate
Rated: 15 Amps @ 500VAC
Operating Temp. Range: -58°F to +292°F (-50°C to +145°C)

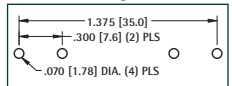
CAT. NO. 3526

Optional cover available - **Cat. No. 4245C**

PRESS-FIT, IDEAL FOR WAVE SOLDERING



Mounting Detail



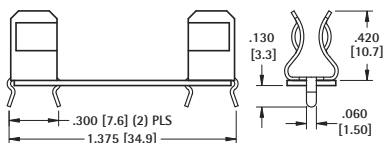
SPECIFICATIONS

Base: .062 (1.57) GPO-3, UL Rated 94V-0
Clips: Brass, Tin Plate
Rated: 15 Amps @ 500VAC
Operating Temp. Range: -58°F to +292°F (-50°C to +145°C)

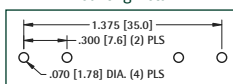
CAT. NO. 4245

Optional cover available - **Cat. No. 4245C**

SNAP-IN DESIGN ASSURES STABILITY DURING WAVE SOLDERING



Mounting Detail



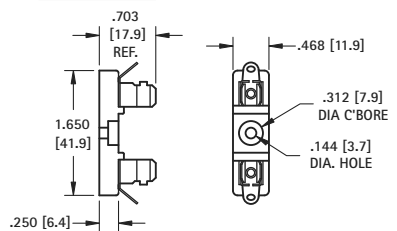
SPECIFICATIONS

Base: .032 (1.57) G-10, UL Rated 94V-0
Clips: Brass, Tin Plate
Rated: 15 Amps @ 500VAC
Operating Temp. Range: -58°F to +292°F (-50°C to +145°C)

CAT. NO. 4250

Optional cover available - **Cat. No. 4245C**

MOLDED BASE



SPECIFICATIONS

Base: LCP, UL Rated 94V-0
Clips: .020 (.51) Brass - Nickel Plated
Rated: 15 Amps @ 500 VAC
Operating Temp. Range: -58°F to +292°F (-50°C to +145°C)

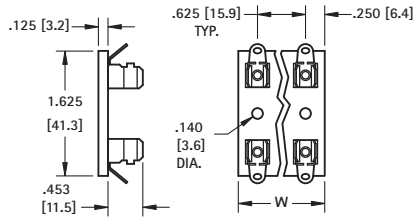
CAT. NO. 3523

Optional cover available - **Cat. No. 4245C**

3AG FUSE BLOCKS



- Available with fiberglass or phenolic base
- Fuse clips riveted to base for rugged applications



BLACK PHENOLIC	FIBER-GLASS	HOLDS NO. OF FUSES	W
CAT. NO.	CAT. NO.		
3536	3540	1	.500 (12.7)
3537	3541	2	1.125 (28.6)
3538	3542	3	1.750 (44.5)
3539	3543	4	2.375 (60.3)

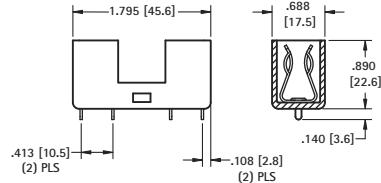
SPECIFICATIONS

Phenolic Base: XP, Black UL Rated 94-HB
Fiberglass Base: GPO-3 UL Rated 94 V-O
Clips: .020 (.51) Brass - Nickel Plated
Rated: 15 Amps @ 500 VAC
Operating Temp. Range: -58°F to +292°F (-50°C to +145°C)

MIDGET, SPF (5AG) FUSE HOLDER



- Designed for SPF (Solar Protection Fuse)
- Optional cover will protect and insulate fuse
- Flame resistant



CAT. NO. 3576 - Holder

CAT. NO. 3576C - Cover only

SPECIFICATIONS

Base & Cover: Nylon, UL Rated 94V-0
Clips: .030 (.76) Brass, Matte Tin Plate
Rated: 30 Amps
Operating Temp. Range: -58°F to +292°F (-50°C to +145°C)

FUSE COVERS

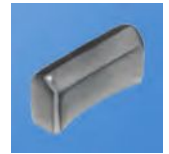
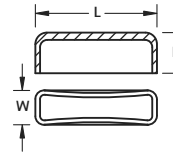
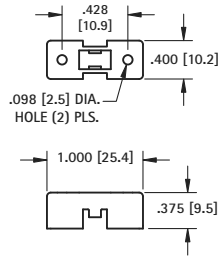
- Made from flame retardant material
- Protects fuse from shorting and minor bumps



Can be used with clips 3512, 3512P, 3517 and 3518

MATERIAL: ABS, UL Rated 94V-0

CAT. NO.	FUSE SIZE
3517C	5mm x 20mm



Can be used with clips or fuse holders

MATERIAL: PVC, UL Listed 94V-0

CAT. NO.	FUSE SIZE	L	W	H
3527C	5mm x 20mm	.945 (24.0)	.314 (8.0)	.512 (13.0)
3521C	2AG	.787 (20.0)	.295 (7.5)	.452 (11.5)
4245C	3AG	1.319 (33.5)	.472 (12.0)	.591 (15.0)

SUBMINIATURE FUSE HOLDERS

- Reliable spring tension assures low contact resistance
- Fuse holders allow for quick changing of subminiature fuses
- Ideal for high density circuit board applications

SPECIFICATIONS

Base: Thermoplastic, UL Rated 94V-0
Springs: Beryllium Copper, Gold Plate
Pins: Brass, Tin Plate

Current Rating: 5 Amps @ 250V AC
Operating Temp. Range: -58°F to +292°F (-50°C to +145°C)



.335 (8.5) x .158 (4.0) FUSE

For Littelfuse 392/395 Type TE5®
 Bussmann: PC Series
 or equivalent

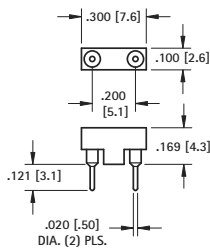


.335 (8.5) DIA. FUSE

For Littelfuse 370 Type TR5®
 Bussmann: BK-EFF series
 or equivalent

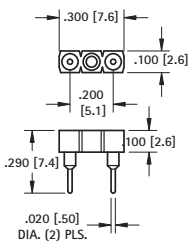


STURDI-MOUNT



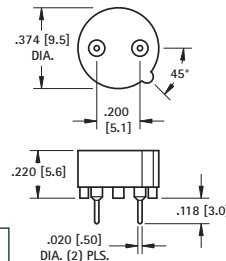
CAT. NO. 3552

LOW PROFILE



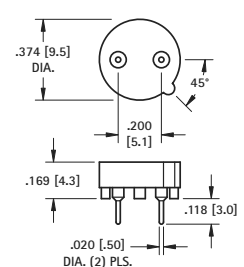
CAT. NO. 3553

STURDI-MOUNT

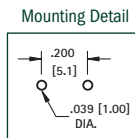


CAT. NO. 3556

LOW PROFILE



CAT. NO. 3554



FUSE CLIPS

- Low contact resistance
- Withstands shock and vibration
- Rated 6.3 to 30 Amps
- Custom designs and modifications available to your specifications

PC THRU MOUNT TYPES

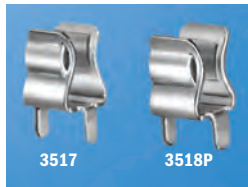
- Available for 5mm, 1AG, 2AG, 3AG, 5AG, 7AG & 8AG sizes
- Low profile, space saving
- Snap-fit design enhances assembly and PC retention for wave soldering
- Available with orientation legs to assure proper PC installation
- Available with or without end stops

SURFACE MOUNT & RIVET TYPES

- Available for 5mm, 1AG, 2AG, 3AG, 4AG, 7AG & 8AG sizes
- Available with solder lugs or quick-fit tabs
- .187 (4.7), .205 (5.2)

Refer to pages 46-47 for Fuse Clip Layout and Mounting Details

5mm PC Clips



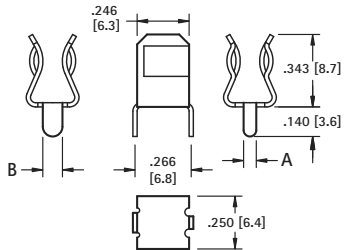
3517 3518P

MATERIAL:

.020 (.51) Brass, Tin Plate

Current Rating: 15 Amps

CAT. NO.	A	B
3517	.060 (1.5)	.060 (1.5)
3518P	.060 (1.5)	.093 (2.4)



With or Without Orientation Legs

Optional cover available - Cat. No. 3517C



3512 3512P

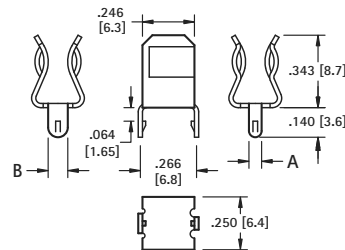
- With snap-in PC legs

MATERIAL:

.020 (.51) Brass, Tin Plate

Current Rating: 15 Amps

CAT. NO.	A	B
3512	.060 (1.5)	.060 (1.5)
3512P	.060 (1.5)	.093 (2.4)



With or Without Orientation Legs

Optional cover available - Cat. No. 3517C

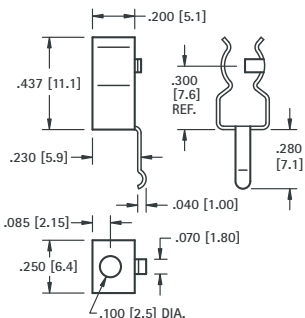


MATERIAL:

.016 (.41) Brass, Tin Plate

Current Rating: 6.3 Amps

CAT. NO. 3520

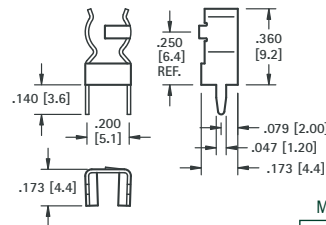


MATERIAL:

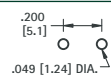
.016 (.41) Brass, Tin Plate

Current Rating: 10 Amps

CAT. NO. 3519



Mounting Detail



2AG or 5mm

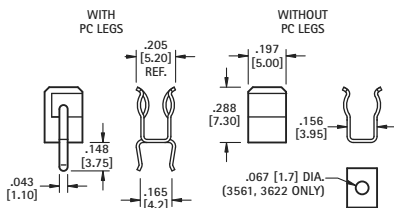


3521 3561

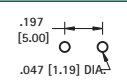
MATERIAL: .016 (.41) Brass, Tin Plate

Current Rating: 10 Amps

CAT. NO.	PC LEGS	END STOP
3521	YES	YES
3621	YES	NO
3561	NO	YES
3622	NO	NO



Mounting Detail
Cat. No. 3521 &
3621 Only



5mm/3AG

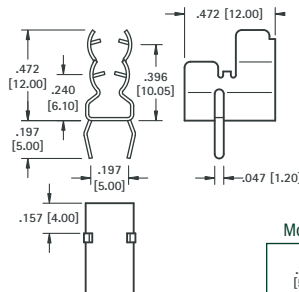


MATERIAL:

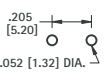
.016 (.41) Brass, Tin Plate

Current Rating: 15 Amps

CAT. NO. 3562



Mounting Detail



4AG (9/32 Dia.)

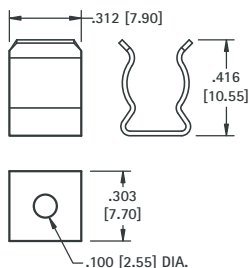


MATERIAL:

.020 (.51) Brass, Nickel Plate

Current Rating: 15 Amps

CAT. NO. 3565 (Without End Stops)



5AG (13/32 Dia.) - Solar Protection Fuse

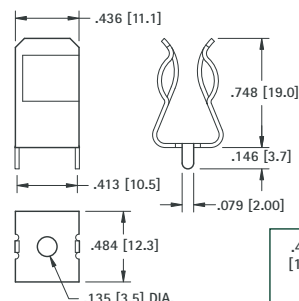


MATERIAL:

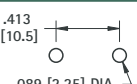
.030 (.76) Brass, Tin Plate

Current Rating: 30 Amps

CAT. NO. 3566



Mounting Detail



.250 (6.4) DIAMETER FUSE CLIPS

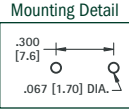
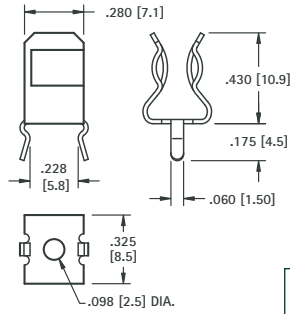
Refer to pages 46-49 for Fuse Clip Layout and Mounting Details

WITH SNAP-IN PC LEGS

1AG, 3AG, 7AG, 8AG THRU HOLE MOUNT TYPES

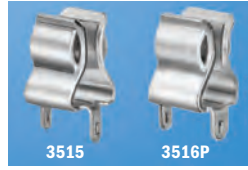


MATERIAL:
.020 (.51) Brass, Tin Plate
Current Rating: 15 Amps

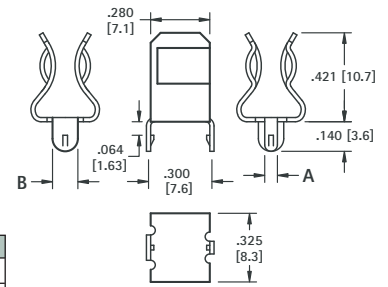


CAT. NO. 3513

WITH SNAP-IN PC LEGS



MATERIAL:
.020 (.51) Brass, Tin Plate
Current Rating: 15 Amps



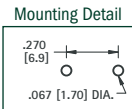
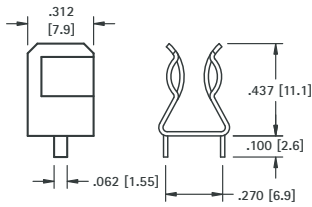
CAT. NO.	A	B
3515	.060 (1.5)	.060 (1.5)
3515P	.060 (1.5)	.093 (2.4)
3516P	.060 (1.5)	.120 (3.0)

With or Without Orientation Legs

WITH STRAIGHT PC LEGS



MATERIAL:
.020 (.51) Brass, Tin Plate
Current Rating: 15 Amps

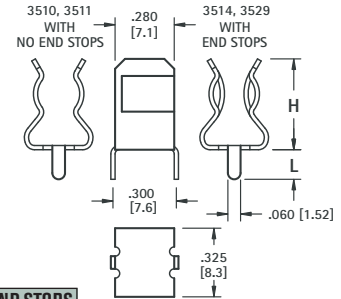


CAT. NO. 3535

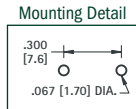
WITH STRAIGHT PC LEGS



MATERIAL:
.020 (.51) Brass, Tin Plate
Current Rating: 15 Amps



CAT. NO.	H	L	END STOPS
3510	.421 (10.7)	.140 (3.6)	NO
3529	.421 (10.7)	.140 (3.6)	YES
3511	.430 (10.9)	.250 (6.4)	NO
3514	.430 (10.9)	.250 (6.4)	YES

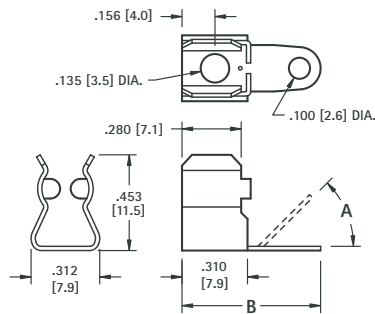


WITH SOLDER LUG

1AG, 3AG, 7AG, 8AG RIVET & SURFACE MOUNT TYPES



MATERIAL:
.020 (.51) Brass, Nickel Plate
Current Rating: 15 Amps

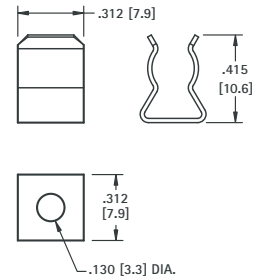


CAT. NO.	A	B
3533	Flat	.656 (16.7)
3535	45°	.562 (14.3)
3570	-	NO TAB

LOW PROFILE



MATERIAL:
.020 (.51) Brass, Nickel Plate
Current Rating: 15 Amps

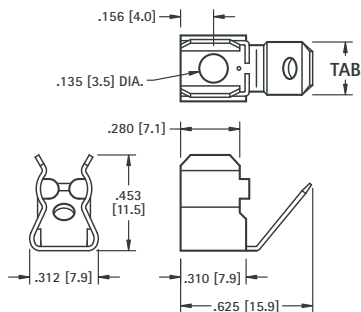


CAT. NO. 3531 (Without End Stops)

WITH QUICK-FIT TAB



MATERIAL:
.020 (.51) Brass, Nickel Plate
Current Rating: 15 Amps

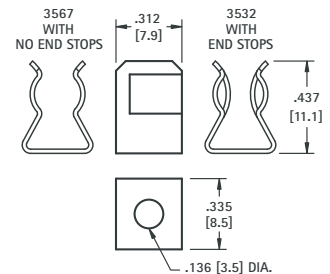


CAT. NO.	TAB
4246	.187 (4.7)
4247	.205 (5.2)

WITH OR WITHOUT END STOPS



MATERIAL:
.020 (.51) Brass, Nickel Plate
Current Rating: 15 Amps



CAT. NO.	END STOPS
3532	YES
3567	NO

REFER TO PAGE 44 FOR PART DIMENSIONS

NOTE: ALL MOUNTING DIMENSIONS ARE FOR REFERENCE ONLY. PLEASE VERIFY YOUR FUSE LAYOUT PRIOR TO FABRICATION.

FUSE CLIP LAYOUT & MOUNTING DETAILS



3517

CAT. NO. 3517	
FUSE SIZE	L DIM.
5mm x 20mm	.910 (23.1)

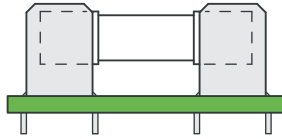
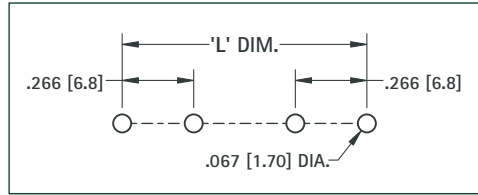


FIGURE 1

Mounting Detail



3517



3518P

CAT. NO. 3518P	
FUSE SIZE	L DIM.
5mm x 20mm	.910 (23.1)

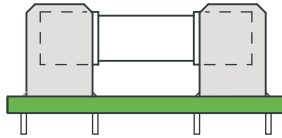
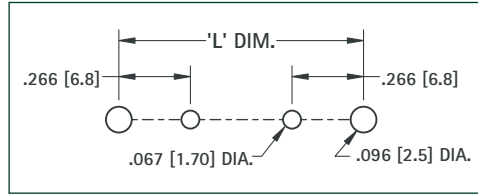


FIGURE 2

Mounting Detail



3518P



3512

CAT. NO. 3512	
FUSE SIZE	L DIM.
5mm x 20mm	.910 (23.1)

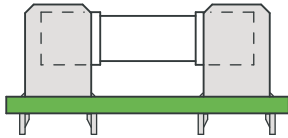
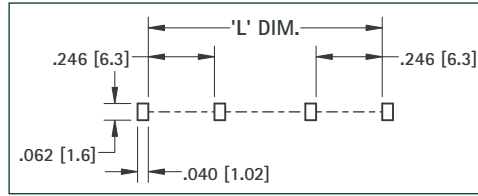


FIGURE 3

Mounting Detail



3512



3512P

CAT. NO. 3512P	
FUSE SIZE	L DIM.
5mm x 20mm	.910 (23.1)

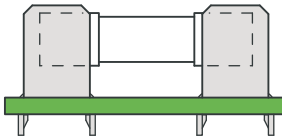
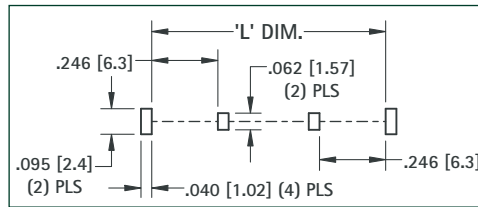


FIGURE 4

Mounting Detail



3512P



3520

CAT. NO. 3520	
FUSE SIZE	L DIM.
5mm x 20mm	.900 (22.9)

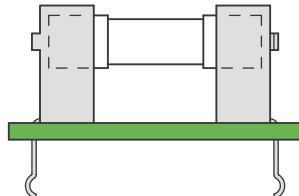
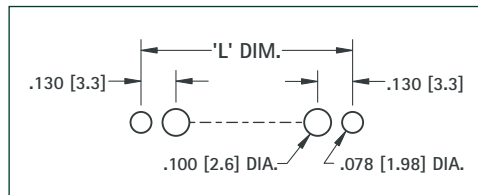


FIGURE 5

Mounting Detail



3520

REFER TO PAGE 44 FOR PART DIMENSIONS

NOTE: ALL MOUNTING DIMENSIONS ARE FOR REFERENCE ONLY. VERIFY YOUR FUSE LAYOUT PRIOR TO FABRICATION.



3519

CAT. NO. 3519	
FUSE SIZE	L DIM.
5mm × 20mm	.650 (16.5)

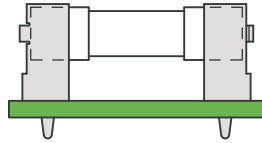
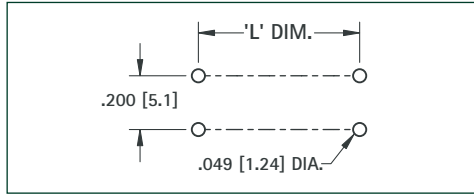


FIGURE 6

Mounting Detail



3519



3521

CAT. NO. 3521	
FUSE SIZE	L DIM.
2AG	.514 (13.1)
5mm × 20mm	.710 (18.1)

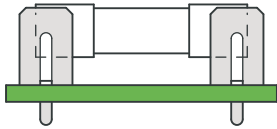
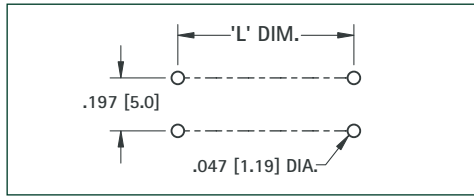


FIGURE 7

Mounting Detail



3521



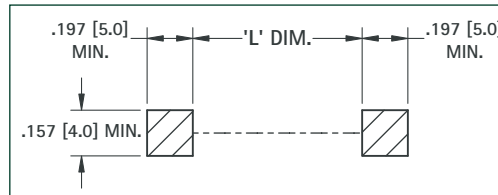
3561

CAT. NO. 3561	
FUSE SIZE	L DIM.
2AG	.354 (9.0)
5mm × 20mm	.500 (12.7)



FIGURE 8

Pad Layout

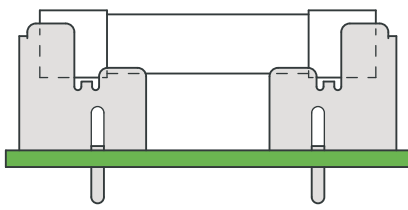


3561

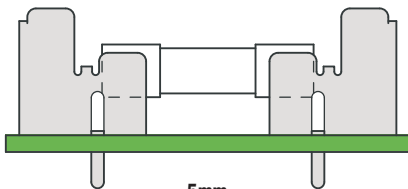


3562

CAT. NO. 3562	
FUSE SIZE	L DIM.
5mm × 20mm	.820 (20.9)
3AG	



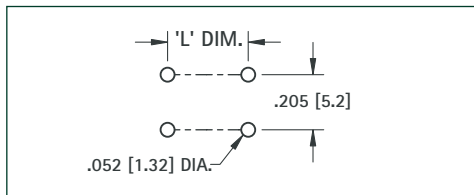
3AG



5mm

FIGURE 9

Mounting Detail



3562

FUSE CLIP LAYOUT & MOUNTING DETAILS

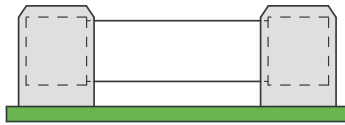
REFER TO PAGES 44 & 45 FOR PART DIMENSIONS

NOTE: ALL MOUNTING DIMENSIONS ARE FOR REFERENCE ONLY. PLEASE VERIFY YOUR FUSE LAYOUT PRIOR TO FABRICATION.

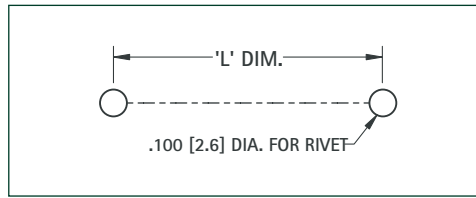
FIGURE 10



3565



Mounting Detail



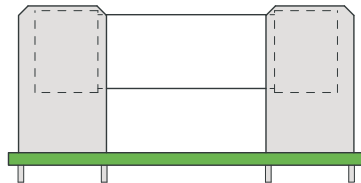
3565

CAT. NO. 3565		
DESIGNATION	FUSE SIZE	L DIM.
4AG	.281 (7.1) × 1.250 (31.8)	1.000 (25.4)

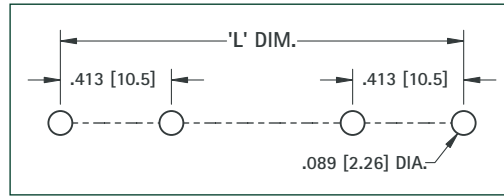
FIGURE 11



3566



Mounting Detail



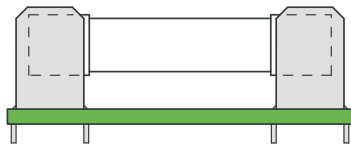
3566

CAT. NO. 3566		
DESIGNATION	FUSE SIZE	L DIM.
BBS	.406 (10.3) × 1.375 (34.9)	1.515 (38.5)
5AG	.406 (10.3) × 1.500 (38.1)	1.640 (41.7)

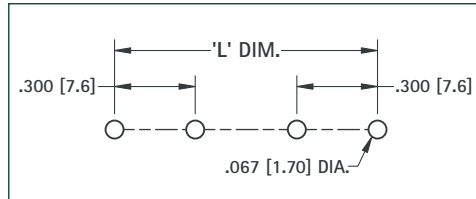
FIGURE 12



3529



Mounting Detail



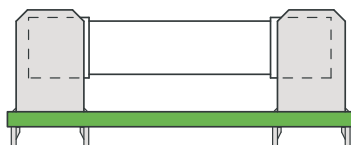
3514

CAT. NO. 3510, 3511, 3513, 3514, 3529		
DESIGNATION	FUSE SIZE	L DIM.
1AG	.250 (6.4) × .625 (15.9)	.750 (19.1)
7AG	.250 (6.4) × .875 (22.2)	1.000 (25.4)
8AG	.250 (6.4) × 1.000 (25.4)	1.125 (28.6)
3AG	.250 (6.4) × 1.250 (31.8)	1.375 (34.9)

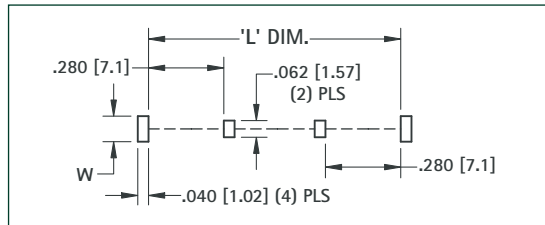
FIGURE 13



3516P



Mounting Detail



3515

CAT. NO. 3515, 3515P, 3516P		
DESIGNATION	FUSE SIZE	L DIM.
1AG	.250 (6.4) × .625 (15.9)	.735 (18.7)
7AG	.250 (6.4) × .875 (22.2)	.985 (25.0)
8AG	.250 (6.4) × 1.000 (25.4)	1.100 (28.0)
3AG	.250 (6.4) × 1.250 (31.8)	1.360 (34.6)

ORIENTATION LEGS	
CAT. NO.	W
3515	.082 (1.57)
3515P	.095 (2.4)
3516P	.122 (3.1)

REFER TO PAGE 45 FOR PART DIMENSIONS

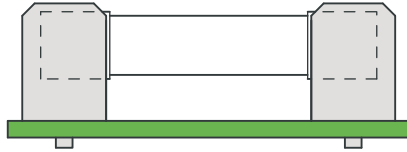
NOTE: ALL MOUNTING DIMENSIONS ARE FOR REFERENCE ONLY. VERIFY YOUR FUSE LAYOUT PRIOR TO FABRICATION.

FIGURE 14

FOR THRU HOLE MOUNT APPLICATIONS



3530



3530

FOR CAT. NO. 3530

DESIGNATION	FUSE SIZE	L DIM.
1AG	.250 (6.4) × .625 (15.9)	.450 (11.4)
7AG	.250 (6.4) × .875 (22.2)	.700 (17.8)
8AG	.250 (6.4) × 1.000 (25.4)	.825 (21.0)
3AG	.250 (6.4) × 1.250 (31.8)	1.075 (27.3)

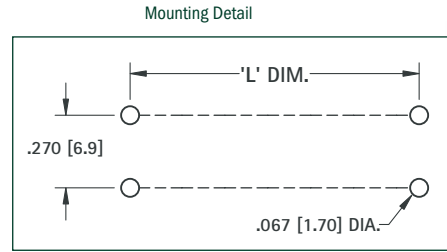
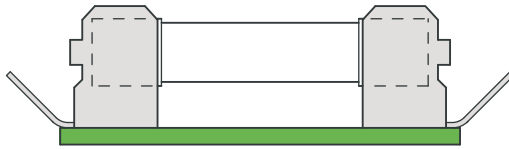


FIGURE 15

FOR RIVET MOUNT APPLICATIONS



3570



3535

FOR CAT. NO. 3531, 3533, 3535, 3570, 4246, 4247

DESIGNATION	FUSE SIZE	L DIM.
1AG	.250 (6.4) × .625 (15.9)	.450 (11.4)
7AG	.250 (6.4) × .875 (22.2)	.700 (17.8)
8AG	.250 (6.4) × 1.000 (25.4)	.825 (21.0)
3AG	.250 (6.4) × 1.250 (31.8)	1.075 (27.3)

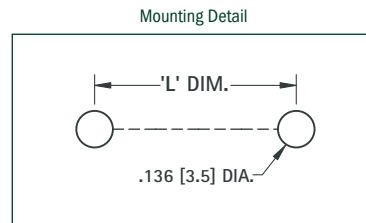
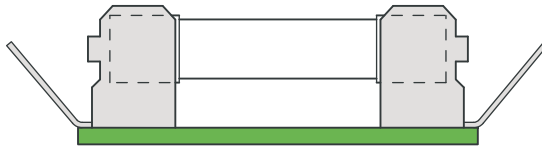


FIGURE 16

FOR SURFACE MOUNT APPLICATIONS



4247



3533

FOR CAT. NO. 3531, 3533, 3535, 3570, 4246, 4247

DESIGNATION	FUSE SIZE	L DIM.
1AG	.250 (6.4) × .625 (15.9)	.120 (3.0)
7AG	.250 (6.4) × .875 (22.2)	.365 (9.3)
8AG	.250 (6.4) × 1.000 (25.4)	.490 (12.4)
3AG	.250 (6.4) × 1.250 (31.8)	.740 (18.8)

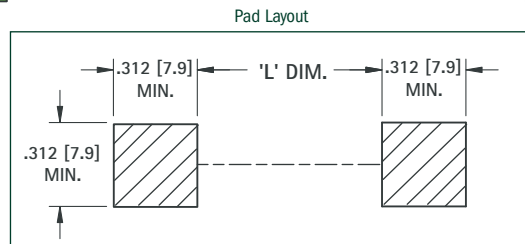


FIGURE 17

FOR SURFACE MOUNT APPLICATIONS



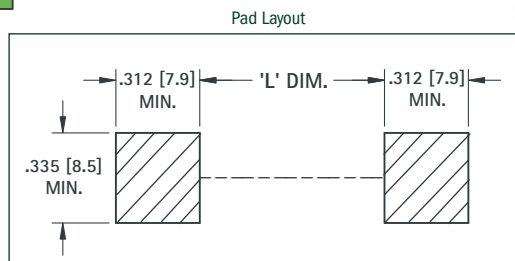
3532



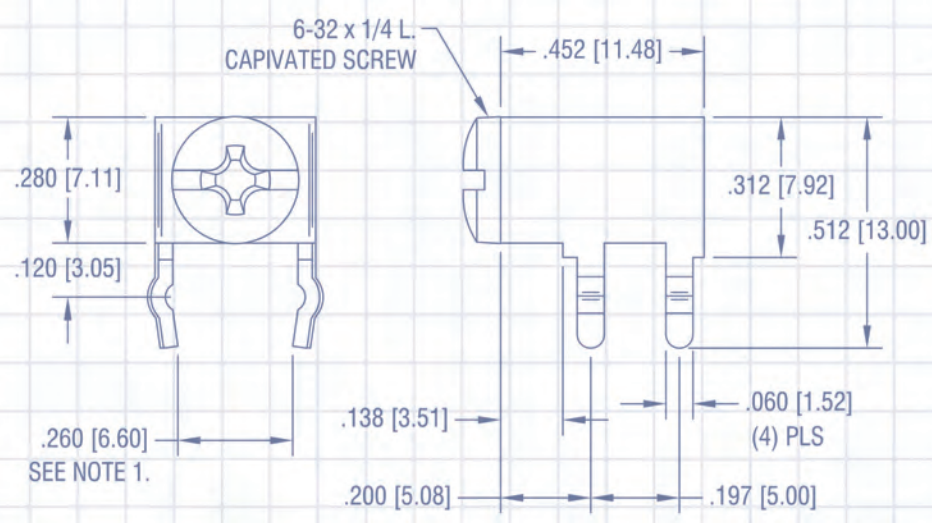
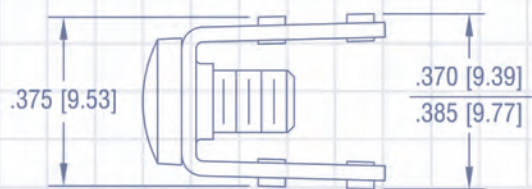
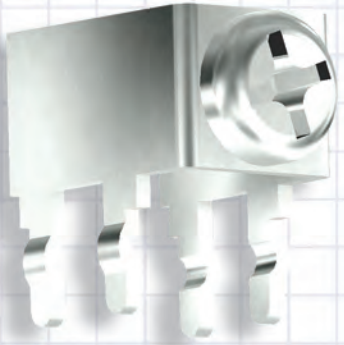
3567

FOR CAT. NO. 3532, 3567

DESIGNATION	FUSE SIZE	L DIM.
1AG	.250 (6.4) × .625 (15.9)	.195 (5.0)
7AG	.250 (6.4) × .875 (22.2)	.445 (11.3)
8AG	.250 (6.4) × 1.000 (25.4)	.570 (14.5)
3AG	.250 (6.4) × 1.250 (31.8)	.820 (20.8)



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- Multi-Insertion applications
- Replacement for pc screw edge connectors, blocks or strips
- Surface mount and thru-hole PCB designs
- UL approved devices

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61 thru 66		11	593 thru 594		30	1050 thru 1051		20
68		29	595 thru 597		9	1052 thru 1053		5
69 thru 71		11	598 thru 599		102	1056		2
72		29	603 thru 609		142	1059 thru 1064		4
78 thru 80		11	611 thru 612		120	1065 thru 1067		3
81		28	613		121	1068		5
82		9	614		120	1069		2
83		29	615		121	1071 thru 1073		5
84		28	616 thru 617		120	1081 thru 1082		4
85		29	618 thru 620		121	1083 thru 1091		5
86 thru 89		10	621		120	1093 thru 1094		4
90 thru 91		11	628 thru 629		9	1103		20
92		9	630		121	1139 thru 1199		24
93 thru 95		11	631 thru 632		120	1200		123
96		29	633		121	1201 thru 1209		66
97 thru 98		11	634		120	1210		123
99 thru 100		10	635 thru 636		30	1211 thru 1213		52
101 thru 103		3	637		9	1215		67
104 thru 105		5	652 thru 659		106	1216		52
106		3	680		58	1217		67
107		5	700 thru 705		85	1218 thru 1219		101
108		18	708		120	1220 thru 1222		54
108-2		13	715 thru 716		85	1223 thru 1226		123
108C		18	717 thru 729		130	1227 thru 1229		54
109-2		13	730 thru 778		129	1230 thru 1231		123
109-3		13	779		74	1232		67
131 thru 132		20	780 thru 785		130	1233 thru 1235		54
137 thru 140		22	789 thru 799		74	1236 thru 1238		123
146 thru 153		21	800 thru 868		143	1240 thru 1242		54
154 thru 156		22	875 thru 898		74	1247 thru 1248		67
158		21	900 thru 902		103	1249 thru 1250		59
169 thru 201		22	903 thru 910		58	1252		56
202		12	911		102	1254		142
203-P		31	913 thru 918		58	1256 thru 1263		54
204		12	920 thru 923		94	1264		56
205		22	924		95	1265 thru 1266		53
206 thru 208		10	925		94	1267		52
209 thru 210		12	926		95	1269 thru 1271		54
211		10	927 thru 930		97	1272 thru 1273		67
217 thru 222		11	931 thru 932		94	1280		54
223 thru 224		20	933 thru 935		95	1281 thru 1282		53
227		29	936 thru 938		103	1283 thru 1284		66
228		12	940 thru 941		95	1285 thru 1286		52
230-1		13	945 thru 957		96	1287		53
232 thru 237		28	967 thru 968		29	1288		52
238		12	970 thru 973		102	1289		53
261 thru 272		30	1005 thru 1008		54	1290 thru 1291		31
288 thru 296		12	1010 thru 1011		20	1292		53
301		5	1012		19	1293		66
303-P		31	1012C		19	1294 thru 1295		31
330 thru 338		75	1013 thru 1015		18	1298 thru 1299		66
340 thru 344		132	1016		19	1301 thru 1326		135
345 thru 349		131	1017		18	1345		57
351 thru 359		75	1017-1		13	1352 thru 1365		101
361 thru 375		74	1018 thru 1018C		19	1366 thru 1369		100
376 thru 396		71	1019		18	1370 thru 1371		101
397 thru 438		74	1020		19	1372 thru 1373		100
451 thru 452		107	1020C		19	1375 thru 1377		101
453 thru 459		74	1021		18	1378 thru 1379		100
468 thru 471		71	1021-1		13	1380 thru 1400		101
476		107	1022		19	1401		100
480 thru 496		87	1022C		19	1402		101
498 thru 504		2	1023		18	1404		100
510 thru 526		87	1024		19	1405		101
540 thru 548		86	1024C		19	1406 thru 1408		100
550		8	1025		5	1411 thru 1420		98
552		106	1025-7		5	1421		100
553 thru 557		8	1026		3	1422		101
561 thru 567		102	1027		5	1424		100
571 thru 573		103	1028 thru 1028C		18	1425		101

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1434		99	1650 thru 1655		73	3510 thru 3511		45
1435 thru 1436		98	1656 thru 1657		71	3512		44
1437 thru 1438		99	1658 thru 1659		98	3513 thru 3516		45
1439		98	1662 thru 1672		74	3517 thru 3521		44
1441 thru 1447		101	1673 thru 1689		99	3522		39
1448 thru 1449		84	1692		71	3523		42
1450 thru 1451		71	1693 thru 1699		98	3525		55
1453		84	1700 thru 1706		84	3526 thru 3527		42
1454		74	1707		135	3528		55
1455		101	1708 thru 1710		83	3529 thru 3533		45
1456		84	1713 thru 1726		135	3534		55
1457		74	1731 thru 1796		73	3535		45
1458 thru 1459		84	1797 thru 1904		71	3536 thru 3543		43
1460 thru 1463		101	1909 thru 1920		74	3544		40
1464 thru 1467		84	1921 thru 1923		71	3545 thru 3548		55
1468 thru 1471		98	1924 thru 1925		74	3549		40
1472		84	1927 thru 1933		76	3550		39
1473		99	1934 thru 1942		74	3551		55
1474 thru 1475		71	1944 thru 1966		70	3552 thru 3554		43
1476		109	1967 thru 2001		100	3555		38
1476		131	2002 thru 2005		54	3556		43
1477		109	2025 thru 2031		71	3557		39
1477		131	2032 thru 2036		74	3558 thru 3560		38
1478		98	2037 thru 2053		85	3561 thru 3562		44
1479		99	2060 thru 2073		82	3563 thru 3564		40
1480 thru 1484		74	2087 thru 2099		70	3565 thru 3566		44
1485		131	2103		20	3567		45
1486		99	2119 thru 2131		70	3568		40
1487		101	2139 thru 2140		24	3569		41
1488		99	2149 thru 2161		70	3570		45
1490 thru 1494		74	2162 thru 2176		24	3571 thru 3572		55
1495		123	2180 thru 2181		70	3573		39
1496 thru 1497		99	2182 thru 2199		24	3575		55
1498 thru 1500		123	2201 thru 2221		71	3576		43
1502 thru 1503		138	2222 thru 2233		21	3576C		43
1507		139	2238 thru 2243		28	3577 thru 3578		55
1508		138	2244 thru 2253		131	3586 thru 3588		41
1509 thru 1511		139	2260 thru 2274		73	3590 thru 3592		98
1514		138	2284 thru 2293		131	3593 thru 3595		99
1515 thru 1519		139	2314		74	3621 thru 3622		44
1520		138	2341 thru 2398		75	4000 thru 4004		58
1525 thru 1526		139	2400 thru 2420		83	4005		54
1527 thru 1532		138	2421 thru 2455		84	4056 thru 4060		142
1533		139	2460 thru 2473		26	4091 thru 4094		108
1535 thru 1537		67	2474 thru 2476		27	4095		54
1540 thru 1545		139	2477 thru 2482		26	4096 thru 4109		108
1546		73	2484		27	4116 thru 4120		142
1547 thru 1548		71	2485 thru 2486		26	4147 thru 4196		143
1556		121	2487 thru 2490		27	4198 thru 4199		108
1557 thru 1559		139	2500 thru 2508		83	4245		42
1560 thru 1561		73	2915		9	4245C		43
1562		139	2981 thru 2983		7	4246 thru 4247		45
1563		138	2988 thru 2989		6	4250		42
1564 thru 1571		121	2990 thru 2993		7	4258 thru 4269		74
1572 thru 1573		138	2994 thru 2999		6	4325 thru 4326		121
1575 thru 1583		139	3000 thru 3013		7	4332 thru 4334		120
1587		138	3020 thru 3025		4	4335 thru 4337		121
1589 thru 1591		73	3026 thru 3029		7	4341 thru 4343		132
1592		139	3030 thru 3031		6	4401 thru 4405		142
1593 thru 1595		138	3032 thru 3044		7	4469 thru 4474		56
1596		73	3049		131	4513 thru 4516		111
1598		138	3050		6	4525 thru 4527		42
1601		104	3051 thru 3069		132	4527C		42
1603		98	3070 thru 3074		4	4590 thru 4600		110
1604 thru 1605		73	3075 thru 3077		134	4601 thru 4609		111
1606 thru 1607		98	3078 thru 3092		7	4616 thru 4617		110
1608 thru 1612		73	3096 thru 3098		6	4618 thru 4620		111
1613		139	3101 thru 3110		132	4626		110
1614 thru 1619		98	3111 thru 3228		131	4628		42
1620 thru 1625		73	3229 thru 3241		132	4628C		42
1626		98	3347 thru 3373		131	4632 thru 4634		110
1627 thru 1630		73	3381 thru 3391		134	4636 thru 4683		109
1633		139	3402 thru 3438		74	4684		111
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4698		132	7699-SEMS		64	11150 thru 11160		136
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4705		132	7778		63	11362-5		131
4706		111	7778-SEMS		64	11363 thru 11513		137
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4712		109	7784 thru 7789		63	15101 thru 15130		142
4713 thru 4716		132	7790		65	15221 thru 15299		140
4724 thru 4730		109	7791		63	15301 thru 15330		142
4732 thru 4734		111	7792 thru 7800		65	15401 thru 15545		141
4799 thru 4841		70	7802 thru 7806		54	24283 thru 24306		72
4850 thru 4870		73	7807 thru 7808		65	24307 thru 24330		72
4900		52	7812 thru 7836		54	24331 thru 24354		72
4901 thru 4902		53	8090 thru 8096		127	24380 thru 24418		72
4903 thru 4907		52	8100 thru 8173		126	24420 thru 24458		72
4908		53	8174		63	24460 thru 24498		72
4909		52	8189 thru 8195		62	25501 thru 25515		72
4910 thru 4914		53	8196 thru 8199		63	25521 thru 25535		72
4950 thru 4954		59	8189-SEMS thru 8199-SEMS		64	29301 thru 29328		72
4966		53	8200 thru 8271		57	29331 thru 29358		72
5000 thru 5014		60	8272 thru 8300		56	CBH		79
5015 thru 5019		61	8309 thru 8310		90	MS27249-1B1 thru -5B5		141
5020 thru 5021		60	8311 thru 8342		91	MS27249-1E1 thru 5E5		141
5029		61	8351 thru 8356		86	PC104		70
5033 thru 5048		60	8400 thru 8440		70	SCR		79
5058 thru 5065		73	8440 thru 8442		71	SPR		79
5070 thru 5083		123	8447 thru 8457		89	STH		79
5115 thru 5129		60	8458 thru 8467		88	STR		79
5201		15	8470 thru 8496		128	TL-1 thru TL-2		138
5202 thru 5204		14	8554 thru 8569		85	TL-3 thru TL-4		139
5205 thru 5209		13	8600 thru 8613		128	TL-5 thru TL-8		138
5210 thru 5212		15	8615 thru 8617		129	TL-9		139
5213 thru 5214		14	8620 thru 8644		122	TL-11		123
5217 thru 5223		15	8650 thru 8692		90	TL-12		139
5224 thru 5228		14	8700 thru 8711		83	TL-19 thru TL-22		73
5230 thru 5231		8	8712 thru 8733		70			
5240 thru 5253		16	8737		66			
5330 thru 5331		8	8799		70			
5799		70	8800 thru 8821		76			
6000 thru 6035		104	8822 thru 8828		78			
6036 thru 6071		105	8829 thru 8842		77			
6072 thru 6075		106	8843 thru 8851		72			
6076 thru 6077		107	8860 thru 8870		127			
6078 thru 6085		106	8871 thru 8875		76			
6090 thru 6096		107	8879 thru 8893		77			
6097		104	8894 thru 8899		122			
6799		70	8900 thru 8931		91			
7004 thru 7024		108	9018 thru 9054		77			
7030 thru 7061		91	9055 thru 9084		78			
7140 thru 7181		87	9100 thru 9123		87			
7186 thru 7188		86	9190 thru 9191		133			
7192 thru 7194		87	9200 thru 9204		114			
7196		86	9205 thru 9231		115			
7200 thru 7225		70	9200-1 thru 9200-5		116			
7228 thru 7235		82	9200-6 thru 9200-10		117			
7235-1 thru 7235-2		131	9200-11		116			
7236 thru 7299		82	9200-12 thru 900-13		117			
7311 thru 7340		58	9200-14		116			
7351 thru 7382		91	9200-15		117			
7600 thru 7611		128	9200-16		116			
7620 thru 7640		127	9200-17		117			
7661		65	9200-19		116			
7661		74	9201-1 thru 9204-1		117			
7662		65	9207-1 thru 9231-1		116			
7662 thru 7678		74	9300 thru 9357		133			
7680 thru 7688		132	9400 thru 9457		133			
7689		65	9500 thru 9581		133			
7690 thru 7693		62	9600 thru 9604		132			
7690-SEMS thru 7693-SEMS		64	9605 thru 9608		133			
7695 thru 7696		65	9900 thru 9911		87			