

Underwriters Laboratories, Inc. Recognized Component Program — UL File Number E354010

UL file number E354010 has been assigned to Keystone Electronics' fuse clips and holders with end stops. (Refer to pages 48-51) Indicating recognition by Underwriters Laboratories Inc. that they are in compliance with their component program.

Refer to pages 54-56 for Fuse Clip Layout and Mounting Details

- Available for 5mm, 1AG, 2AG, 3AG, 5AG, 7AG & 8AG sizes
- Low profile, space saving
- Low contact resistance
- Withstands shock and vibration
- Rated 6.3 to 30 Amps
- Custom designs and modifications available to your specifications

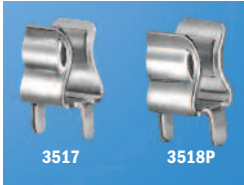
PC THRU MOUNT TYPES

- 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

- KTR parts have Kapton Tape added to top service for vacuum pick & place

2AG, 5mm PC Clips



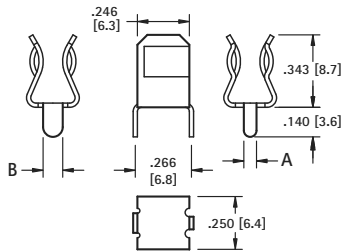
MATERIAL:

.020 (.51) Brass, Tin Plate
UL 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



- With snap-in PC legs

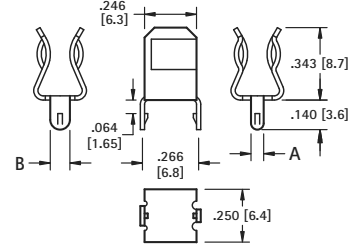
MATERIAL:

.020 (.51) Brass, Tin Plate
UL 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

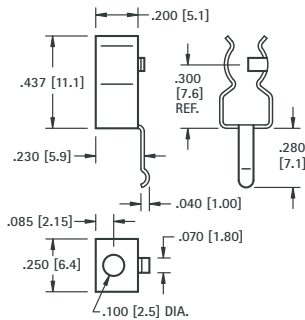
Optional cover available - Cat. No. 3517C



MATERIAL:

.016 (.41) Brass, Tin Plate
UL Current Rating: 6.3 Amps

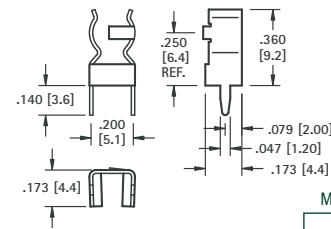
CAT. NO. 3520



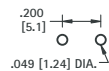
MATERIAL:

.016 (.41) Brass, Tin Plate
UL Current Rating: 15 Amps

CAT. NO. 3519



Mounting Detail



2AG or 5mm

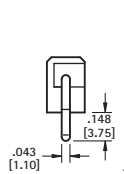


MATERIAL: .016 (.41) Brass, Tin Plate
UL Current Rating: 15 Amps

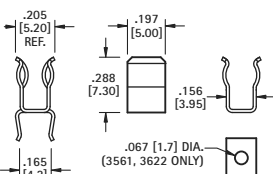
CAT. NO.	ON TAPE BULK	ON TAPE & REEL	PC LEGS	END STOP
3521	—	—	YES	YES
3621	—	—	YES	NO*
3561	3561KTR	—	NO	YES
3622	3622KTR	—	NO	NO*

Tape & Reel Spec's: 16m wide, 12mm pitch, 13 inch reel (500 pieces per reel)

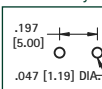
THM



SMT



Mounting Detail
Cat. No. 3521 & 3621 Only



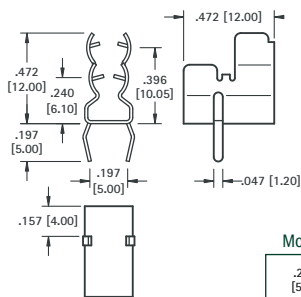
5mm/3AG



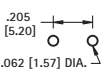
MATERIAL:

.016 (.41) Brass, Tin Plate
UL Current Rating: 15 Amps

CAT. NO. 3562



Mounting Detail



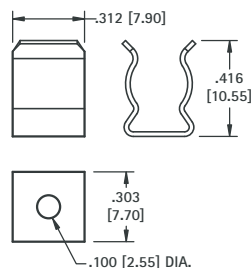
4AG (9/32 Dia.)



MATERIAL:

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

CAT. NO. 3565 (Without End Stops)*



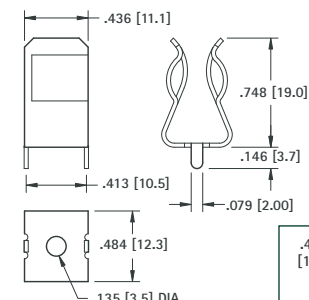
5AG (13/32 Dia.) - Solar Protection Fuse



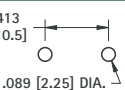
MATERIAL:

.030 (.76) Brass, Tin Plate
UL Current Rating: 30 Amps

CAT. NO. 3566



Mounting Detail



*Fuse clips without end stops are not UL recognized

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REFER TO PAGE 46 FOR PART DIMENSIONS

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



3517

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

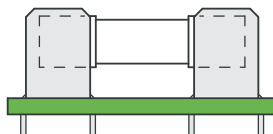
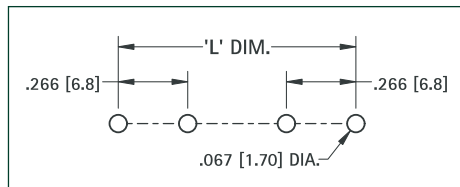


FIGURE 1

Mounting Detail



3517



3518P

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

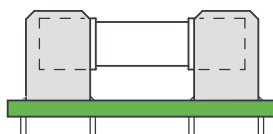
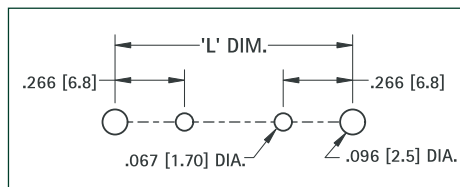


FIGURE 2

Mounting Detail



3518P



3512

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

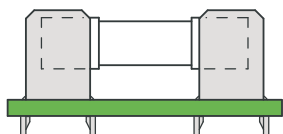
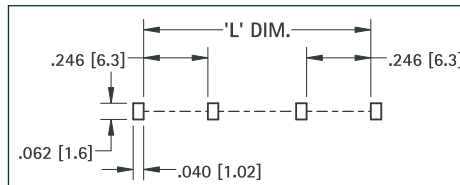


FIGURE 3

Mounting Detail



3512



3512P

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

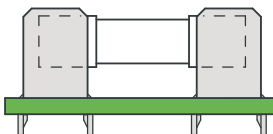
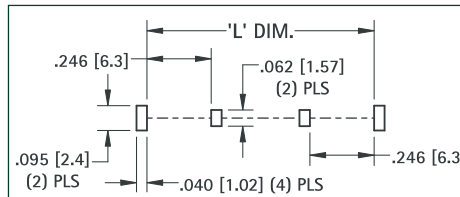


FIGURE 4

Mounting Detail



3512P



3520

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

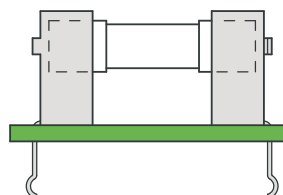
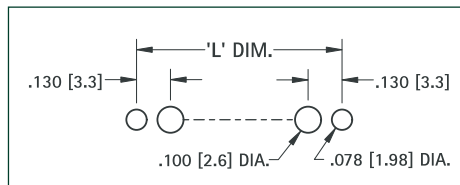


FIGURE 5

Mounting Detail



3520

REFER TO PAGE 46 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)

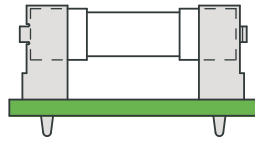
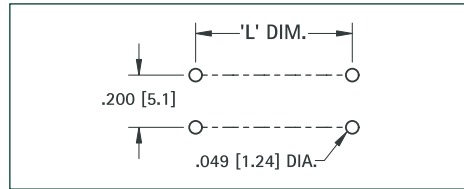


FIGURE 6

Mounting Detail



3519



3521

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

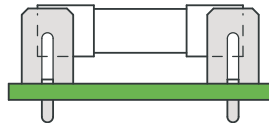
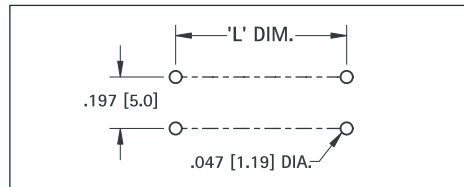


FIGURE 7

Mounting Detail



3521



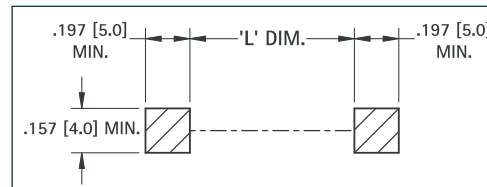
3561

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



FIGURE 8

Pad Layout

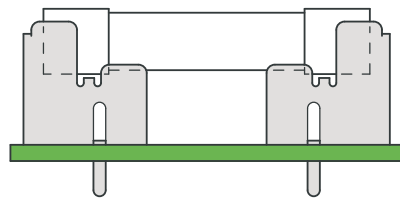


3561

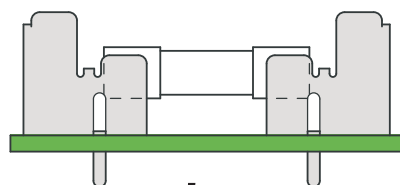


3562

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



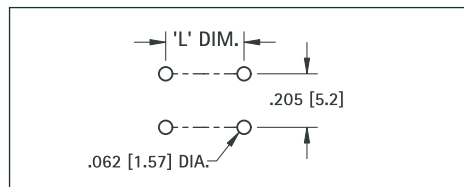
3AG



5mm

FIGURE 9

Mounting Detail



3562

REFER TO PAGES 46 & 47 FOR PART DIMENSIONS

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

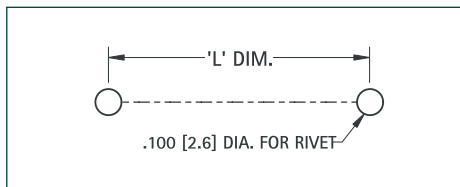
FIGURE 10



3565



Mounting Detail



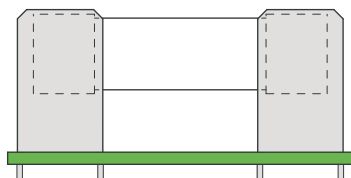
3565

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

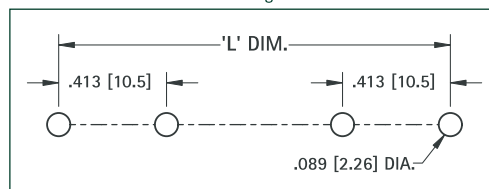
FIGURE 11



3566



Mounting Detail



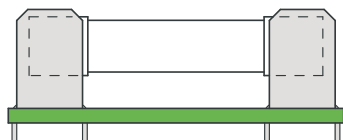
3566

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

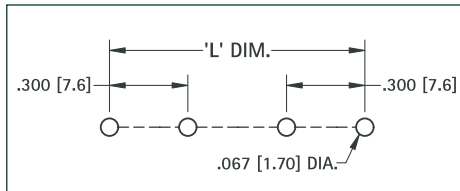
FIGURE 12



3529



Mounting Detail



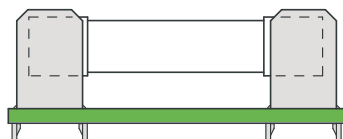
3514

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)

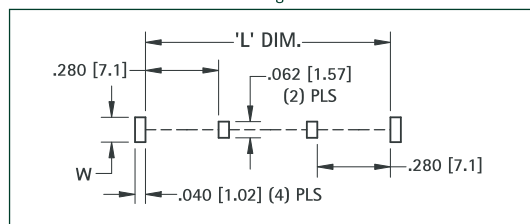
FIGURE 13



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	.062 (1.57)
3515P	.095 (2.4)
3516P	.122 (3.1)

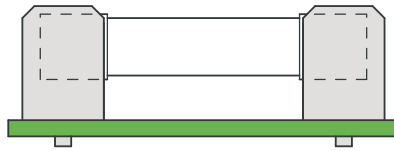
REFER TO PAGE 47 FOR PART DIMENSIONS

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



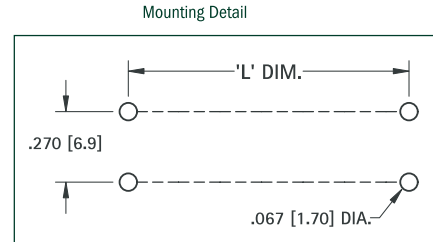
3530

FIGURE 14
FOR THRU HOLE MOUNT APPLICATIONS



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)



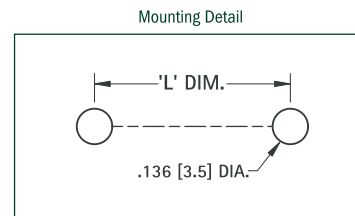
3570

FIGURE 15
FOR RIVET MOUNT APPLICATIONS



3535

FOR CAT. NO. 3531, 3533, 3535, 3570		
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)



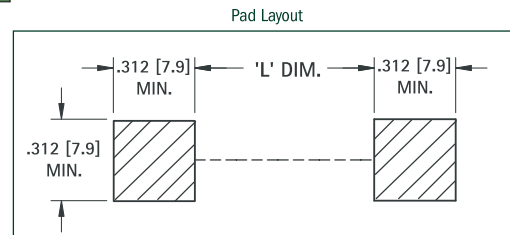
4247

FIGURE 16
FOR SURFACE MOUNT APPLICATIONS



3533

FOR CAT. NO. 3531, 3533, 3535, 3570		
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)



3532

FIGURE 17
FOR SURFACE MOUNT APPLICATIONS



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)

