

Lampholder and Wiring Devices

Catalog and Design Manual

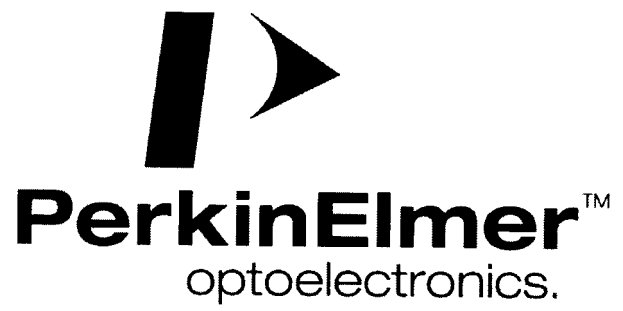




VOLTARC®



LumiTone™



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RECESSED DOUBLE CONTACT

530.1K™ AND 530.2K™ SERIES LAMPHOLDERS FOR 800 AND 1500 MA. LAMPS

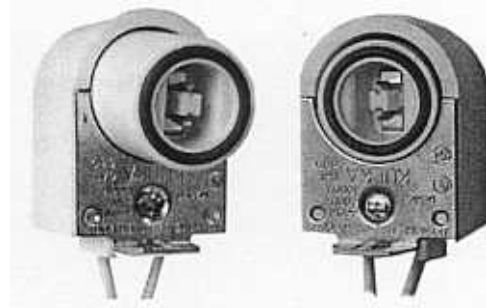
Ratings: 660 watts, dual rated 600 volts or 1000 volts

Listings: UL File No. E-13408; CSA File No. LR95423

UL listed and CSA certified for outdoor use in enclosed signs and fixtures.

Materials: housing – white urea; contacts – silver plated phosphor bronze; gasket – blue silicone treated neoprene “O” ring

Terminations: lead wires No. 18 AWG stranded and tinned, AWM 1000 volts, 90°C, 9" long standard or per customer specs.

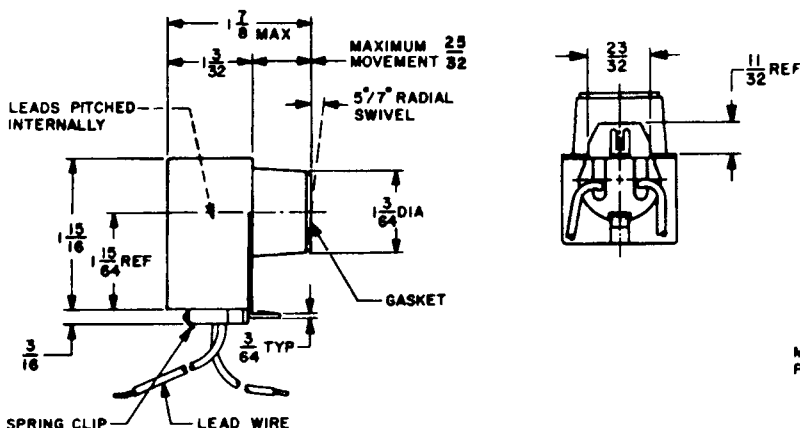


530.1K™

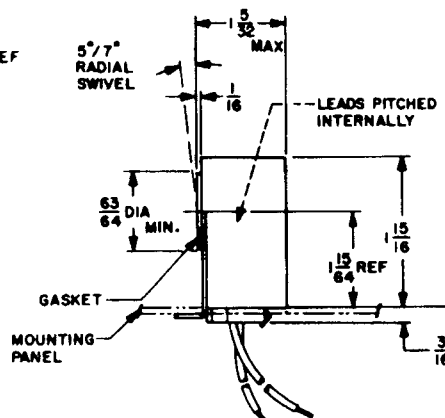
530.2K™



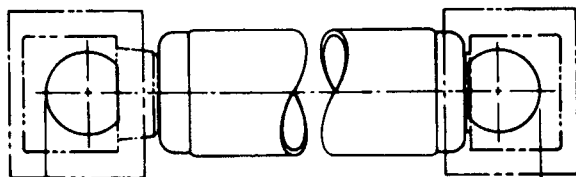
530-1,-3,-5,-7 SERIES



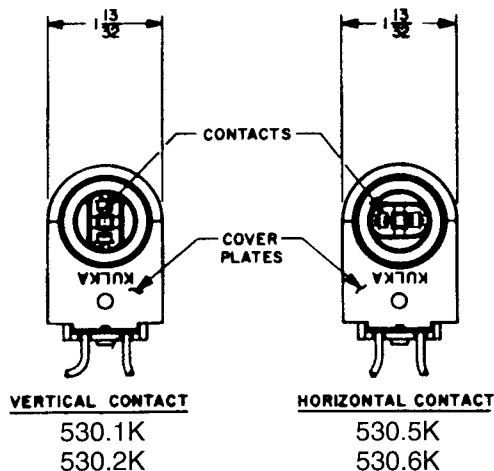
530-2,-4,-6,-8 SERIES



PANEL CUTOUT TO PANEL CUTOUT SPACING



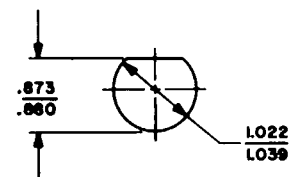
530 SERIES WITHOUT GASKET
NOMINAL LAMP LENGTH *minus* 19/32 ± 1/32
530 SERIES WITH GASKET
NOMINAL LAMP LENGTH *minus* 17/32 ± 1/32



VERTICAL CONTACT
530.1K
530.2K

HORIZONTAL CONTACT
530.5K
530.6K

MOUNTING PANEL CUTOUT



RECOMMENDED PANEL THICKNESS
NO. 20 THRU NO. 18 GAUGE (.036" THRU .048") STANDARD.
ADD SUFFIX "8" FOR .125" MOUNTING PANELS

CATALOG		DESCRIPTION	
530.1K/530.2K	Snap-In Mount	Leads, Pitch and Gasket	Vertical Contacts
530.5K/530.6K			Horizontal Contacts
Suffix "8" to specify .125" mounting panel thickness			

See page 32 for complete listing of product variations.

530.1K, 530.2K are trademarks of Voltarc Technologies, Inc. The Blue"O" Ring is a registered trademark of Voltarc Technologies, Inc.

**540/541 SERIES FOR 800 AND 1500 MA. LAMPS
BUTT-ON, RECESSED DOUBLE CONTACT**

Ratings: 600 volts, 660 watts

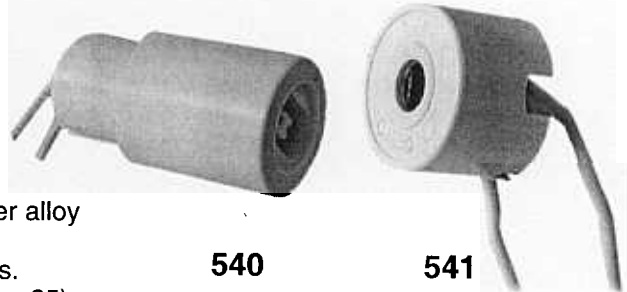
Listings: UL File No. E-13408; CSA File No. LR95423

540X/541X UL listed and CSA certified for outdoor use in enclosed signs and fixtures.

Materials: housing – white urea; contacts – silver plated copper alloy

Terminations: lead wires No. 18 AWG stranded and tinned, AWM 1000 volts, 90°C, 9" long standard or per customer specs.

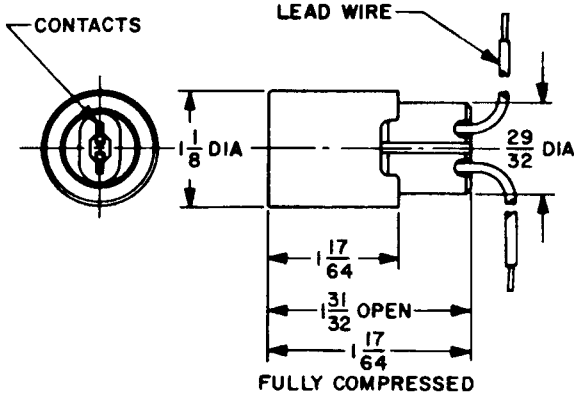
Mounting: direct butt-on, or with a variety of brackets (see page 25).



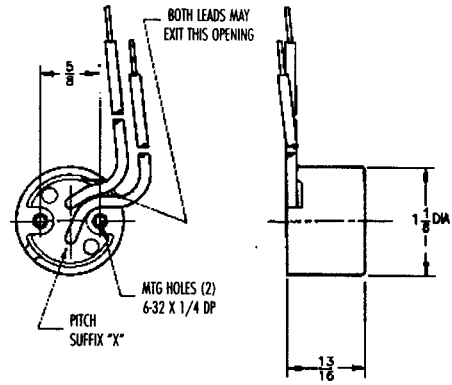
540

541

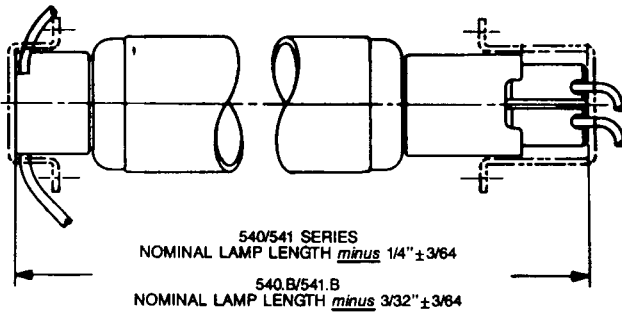
540 SERIES



541 SERIES



BACK TO BACK SPACING



See page 32 for complete listing of product variations.

CATALOG NO.	DESCRIPTION		
540/541	Butt-On ² Mount	With Boot	No Bracket Available
540.B/541.B			
540.X/541.X			
540.XH/541.XH	Bracket ¹ Mount	With Pitch	With Preassembled "H" Bracket
540.XHU/541.XHU			With Preassembled "HU" Bracket

¹ Additional brackets available. See page 25 for description of brackets and listing of suffix letters.

² No. 6-32 screws included.

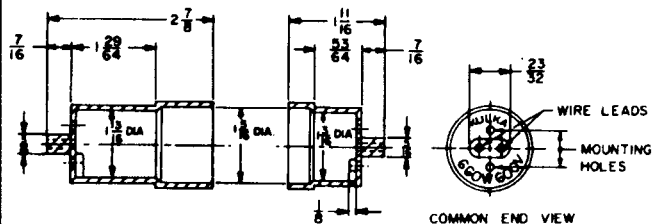


540B

541B

Black neoprene rubber boot with 540/541 lampholders.

- Fully encloses lamp end and lamp holder to provide a weather resistant seal.
- Ideal for outdoor use in enclosed signs and fixtures or for indoor high condensation applications.



COMMON END VIEW

582GDF™ AND 583GDF™ SERIES LAMPHOLDERS FOR 800 AND 1500 MA. LAMPS

Ratings: 660 watts, dual rated 600 volts or 1000 volts
Listings: UL File No. E-13408; CSA File No. LR95423
 UL listed and CSA certified for outdoor use in enclosed signs and fixtures.

Materials: housing – white urea; contacts – silver plated phosphor bronze, self-wiping; gasket – blue silicone treated neoprene “O” ring.
 Mounting Clips – Fabulex™ thermoplastic

Terminations: lead wires No. 18 AWG stranded and tinned, AWM 1000 volts, 90°C, 9" long standard or per customer specs.

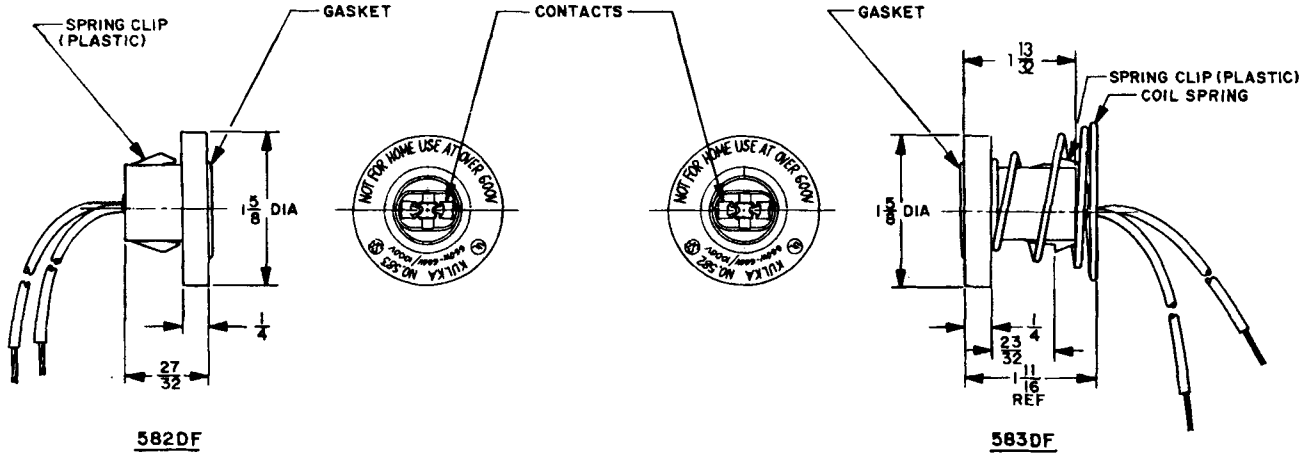


582GDF™

583GDF™

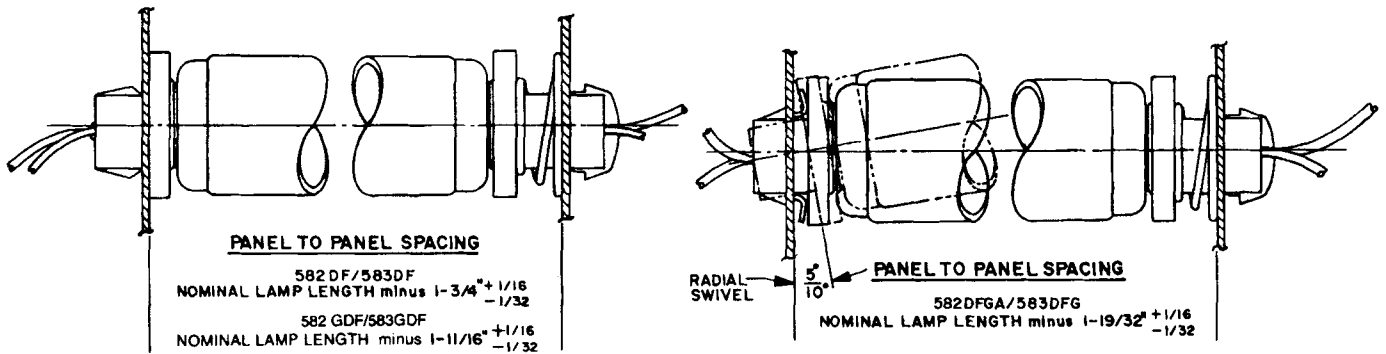


Patented Dead Front design. U.S. Patent #5,122,074.



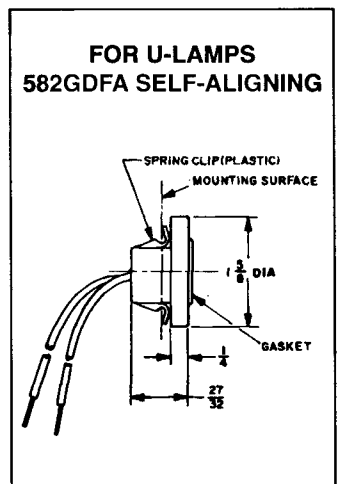
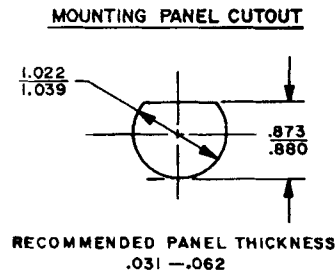
582DF

583DF



See page 32 for complete listing of product variations.

CATALOG	DESCRIPTION	
582GDF/583GDF	Snap-In Std. Mounting Clip Incl.	With Gasket & Pitch
582PDF/583PDF		With Pitch Only
Add: Suffix "A" for self-aligning mounting clip. Ideal for U-lamp application. Suffix "SS" for stainless steel spring corrosion resistant.		



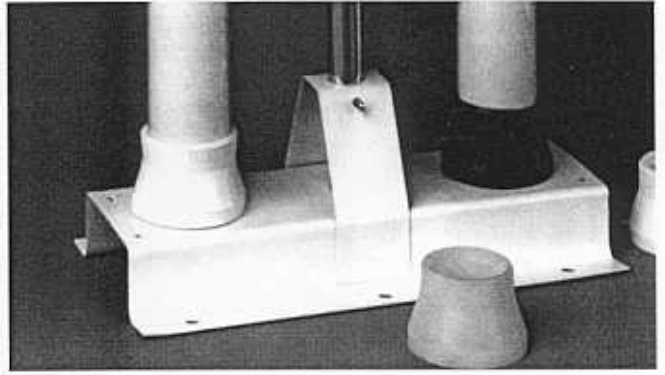
582™ and 583™ are trademarks of Voltarc Technologies, Inc.
 The Blue"O" Ring is a registered trademark of Voltarc Technologies, Inc. U.S. Trademark Registration #1,732,215.

582B SERIES SOCKET SENTRY™ LAMP BASE AND LAMPHOLDER PROTECTIVE SHIELD

CATALOG	MATERIAL	SERVICE TEMPERATURE
582BB	Black Neoprene	- 65° F +225°F
582BW	White Neoprene	- 65° F +225°F
582BS	Translucent Silicone	- 180° F +525°F

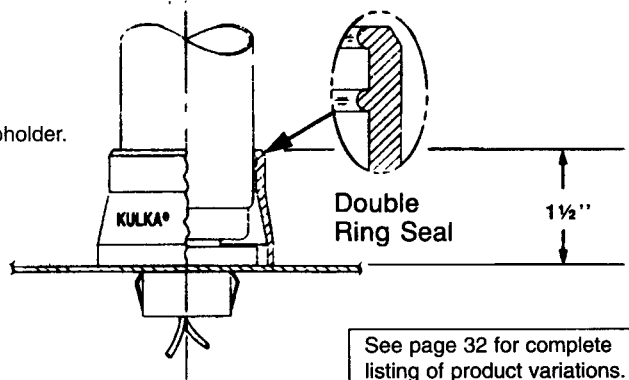
APPLICATIONS:

When installed on the bottom of a vertically installed T-12 fluorescent lamp with a Kulka 582 Series lampholder, the **Socket Sentry** will provide a shield of the lampglass, lampbase and lampholder electrical connection from water-spray, condensation, leakage and dust.



FLAMMABILITY RATING: UL-94B

NOTE: The Socket Sentry is intended to cover, *not seal*, the lampholder. The Socket Sentry should be replaced when relamping.



Socket Sentry™ is a trademark of Voltarc Technologies, Inc.
U.S. Patent # 5,069,633

See page 32 for complete listing of product variations.

RECESSED DOUBLE CONTACT

**1640 SERIES FOR 800 AND 1500 MA. LAMPS
SLIDE-ON RECESSED DOUBLE CONTACT, TOMBSTONE**

Ratings: 600 Volts, 660 Watts

Listings: UL File No. E-13408; CSA File No. LR95423

UL listed and CSA certified for outdoor use in enclosed signs and fixtures.

Materials: housing – white urea; contacts – silver plated phosphor bronze

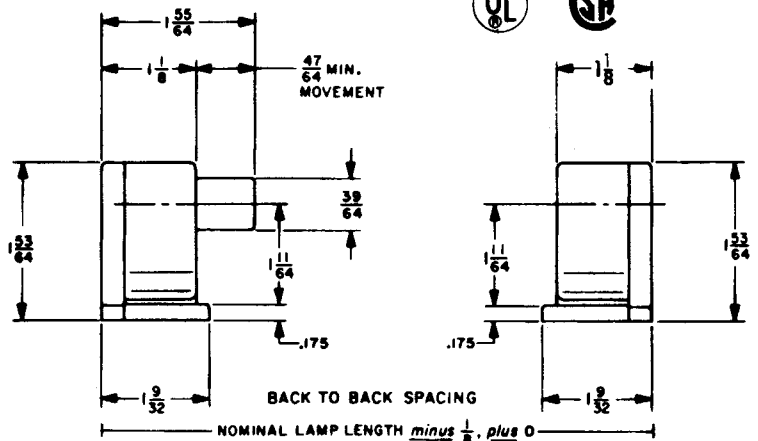
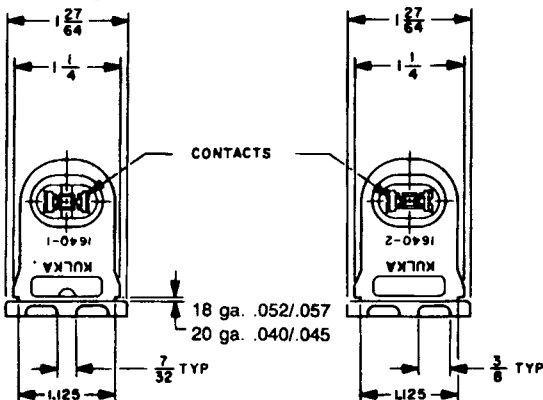
Terminations: “Wire-Fast” terminals for No. 18 AWG stranded (twisted and solder dipped or fused) or No. 18 AWG solid copper wire; 3/8" strip length.

Mounting: Slide on for 18 ga. or 20 ga. panels.



1640-1

1640-2



See page 32 for complete listing of product variations.

RECESSED DOUBLE CONTACT cont.

1547/1548 SERIES FOR 800 AND 1500 MA. LAMP

RECESSED DOUBLE CONTACT, TOMBSTONE

Ratings: 600 Volts, 660 Watts or 1000 Volts, 660 Watts for non-home use, specify suffix "K"

Listings: UL File No. E-13408; CSA File No. LR95423

UL listed and CSA certified for outdoor use in enclosed signs and fixtures

Materials: housing – white urea; contacts – silver plated phosphor bronze,

Terminations: "Wire-Fast" terminals for No. 18 AWG stranded (twisted and solder dipped or fused) or No. 18 AWG solid copper wire; 3/8" strip length; Lead wires No. 18 AWG stranded & tinned, AWM 1000 Volts, 9" long stranded or per customer specs; or terminal screws 6/32" x 5/16".

Mounting: preassembled self-retaining 8/32 mounting nuts, with 8/32 x 1/2" screws supplied in bulk.



1547

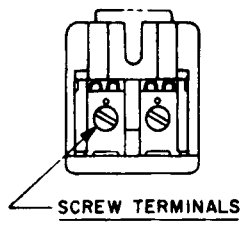
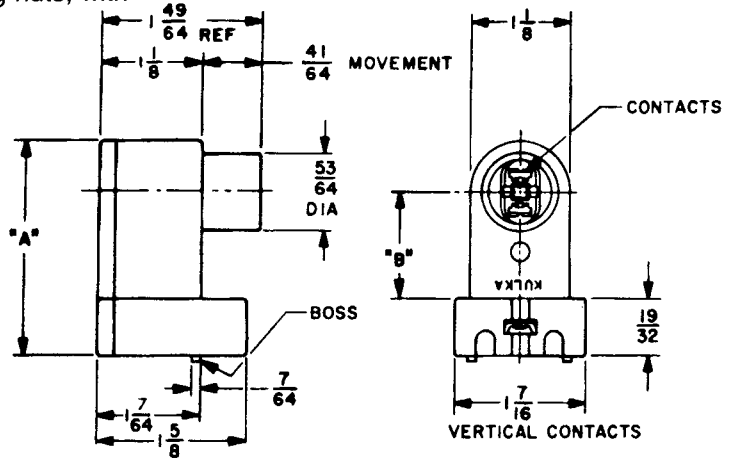
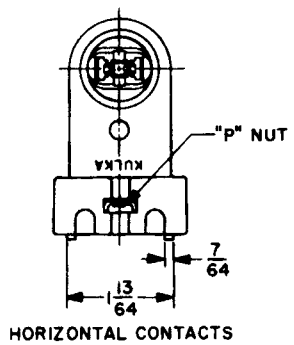
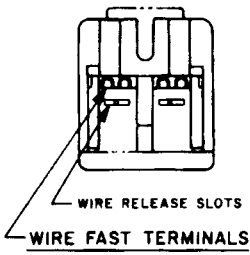
1548

.1

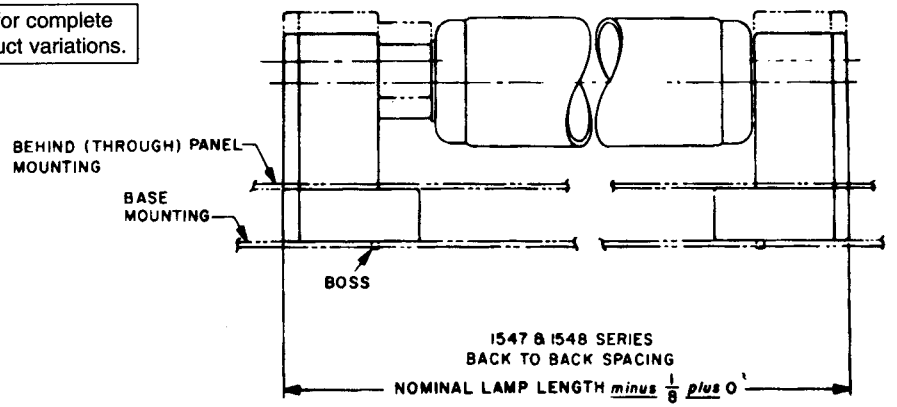
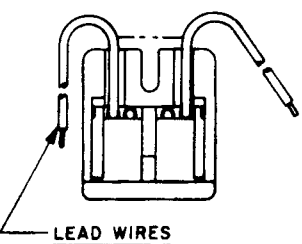
.2

.1

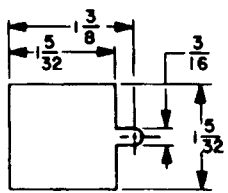
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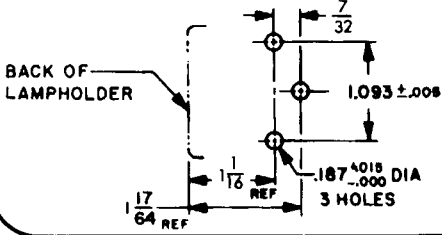
See page 32 for complete listing of product variations.



CUTOUT FOR BEHIND PANEL MOUNTING



CUTOUT FOR BASE MOUNTING



CATALOG	DESCRIPTION			"A"	"B"
1547.1/1547.2	Wire Fast Terminals	Vertical Contacts	Preassembled No. 8-32 "P" Nut	2-23/32	1-9/16
1547.1S/1547.2S	Screw Terminals				
1547.1L/1547.2L	Wire Leads	Horizontal Contacts			
1547.1H/1547.2H	Wire Fast Terminals		Preassembled No. 8-32 "P" Nut		
1547.1SH/1547.2SH	Screw Terminals	8-32 Nuts Packed in Bulk			
1547.1LH/1547.2LH	Wire Leads		Horizontal Contacts		
1548.1/1548.2	Wire Fast Terminals	Preassembled No. 8-32 "P" Nut		2-5/16	1-11/64
1548.1S/1548.2S	Screw Terminals				
1548.1L/1548.2L	Wire Leads				

Add: Suffix "SMNP" for No Boss and No preassembled "P" Nut
Suffix "K" for 1000 Volt, 660 Watts, Non-Home use.

532 SERIES FOR 430 MA. SLIMLINE LAMPS

SNAP-IN SLIMLINE, TOMBSTONE

Ratings: 532-1, 532-3 – 1000 Volts, 660 Watts for non-home use;
532-2, 532-4 – 600 Volts, 660 Watts

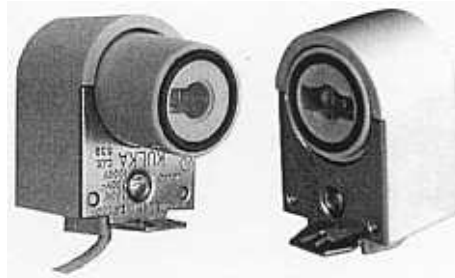
Listings: UL File No. E-13408; CSA File No. LR95423

UL listed and CSA certified for outdoor use in enclosed signs and fixtures



Materials: housing – white urea; contacts – silver plated phosphor bronze; gasket – blue neoprene "O" ring.*

Terminations: Lead wires No. 18 AWG stranded and tinned, AWM 1000 Volts, 90°C, 9" long standard or per customer specs.

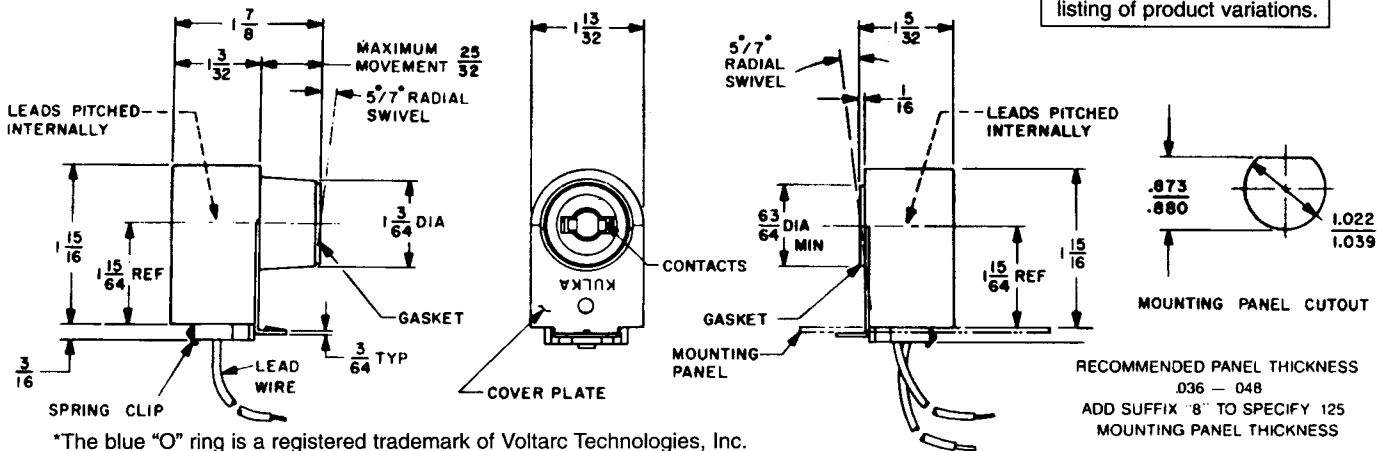


532-1

532-2

PANEL TO PANEL SPACING THE SAME AS 530-1, 530-2 SERIES

See page 32 for complete listing of product variations.



*The blue "O" ring is a registered trademark of Voltarc Technologies, Inc.

572/573 SERIES FOR SLIMLINE AND COLD CATHODE LAMPS – BUTT-ON, SLIMLINE

Ratings: 572, 572C – 1000 Volts; 660 Watts; 573 – 600 Volts, 660 Watts; 573C – 250 Volts, 660 Watts

Listings: UL File No. E-13408; CSA File No. LR95423. 572X/573X,

UL listed and CSA certified for outdoor use in enclosed signs and fixtures.

Materials: housing – white urea; contacts – silver plated copper alloy

Terminations: Lead wires No. 18 AWG stranded & tinned, AWM 1000 Volts, 90°C, 9" long standard or per customer specs.

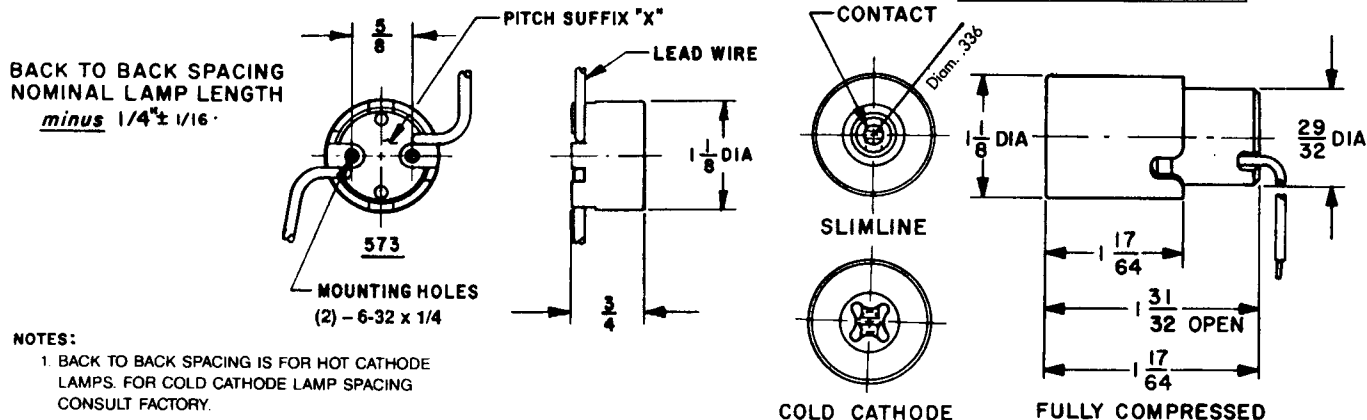
Mounting: direct butt-on with 6/32 screws included or with a variety of brackets (see page 26).



572

573

See page 32 for complete listing of product variations. See page 26 for brackets.



NOTES:
1. BACK TO BACK SPACING IS FOR HOT CATHODE LAMPS. FOR COLD CATHODE LAMP SPACING CONSULT FACTORY.

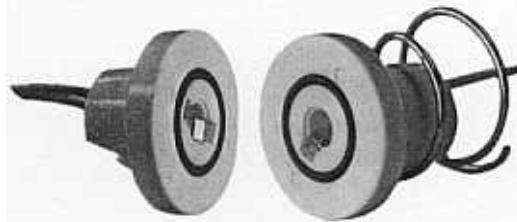
**584/585 SERIES FOR 430 MA. LAMPS
SNAP-IN, SLIMLINE**

Ratings: 584 – 600 Volts, 660 Watts; 585 – 1000 Volts, 660 Watts for non-home use

Listings: UL File No. E-13408; CSA File No. LR95423. UL listed and CSA certified for outdoor use in enclosed signs and fixtures.

Materials: housing – white urea; contacts – silver plated phosphor bronze; Gasket – blue neoprene “O” ring.*

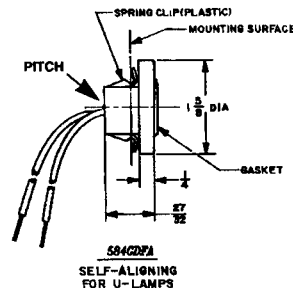
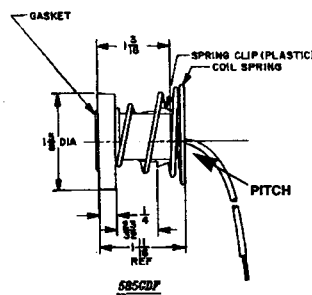
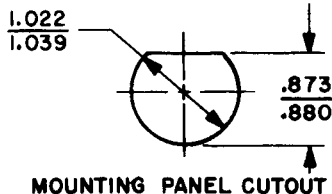
Terminations: Lead wires No. 18 AWG stranded & tinned, AWM 1000 Volts, 90°C, 9" long standard or per customer specs



584GDF

585GDF

See page 32 for complete listing of product variations.



CATALOG NO.	DESCRIPTION	
584.GDF/585.GDF	Snap-In Mount	With Pitch & Gasket
584.PDF/585.PDF		With Pitch Only

Add: Suffix "A" for Self Aligning Mounting Clip.
Suffix "SS" for Stainless Steel Spring.

*The blue "O" ring is a registered trademark of Voltarc Technologies, Inc.

**1575/1576 SERIES FOR 430 MA. SLIMLINE LAMPS
SLIMLINE, TOMBSTONE**

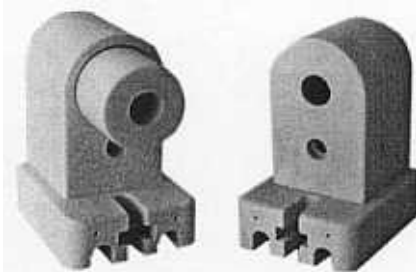
Ratings: 1575 & 1575L – 1000 Volts, 660 Watts; 1576 & 1576L – 600 Volts, 660 Watts

Listings: UL File No. E-13408; CSA File No. LR95423. 1575L/1576L, UL listed for outdoor use in enclosed signs and fixtures

Materials: housing – white urea; contacts – copper alloy

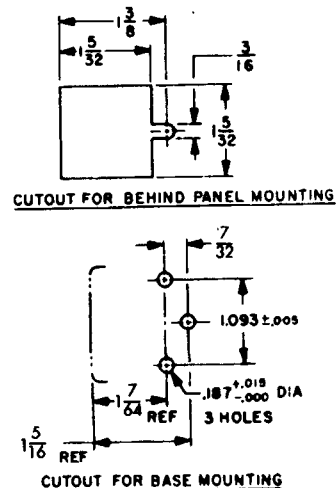
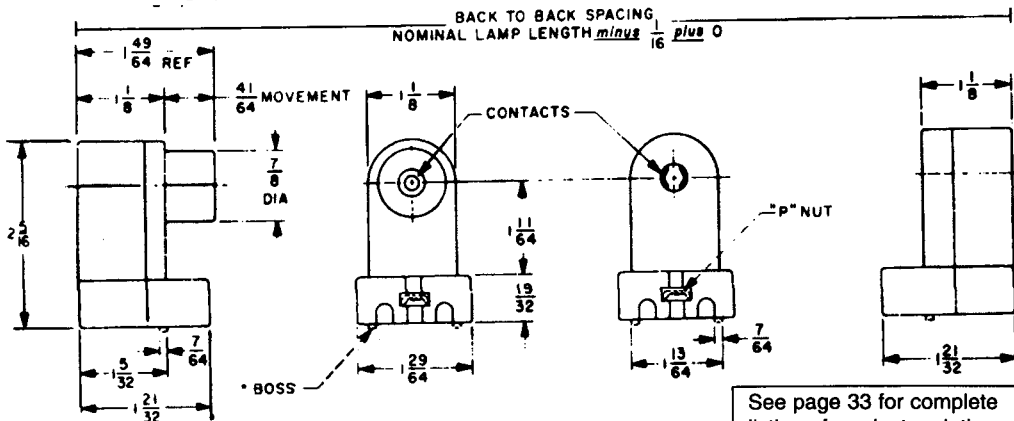
Hardware: 8/32 mounting nuts and 8/32 x 1/2" screws supplied in bulk

Terminations: "Wire-Fast" terminals for No. 18 AWG stranded (twisted and solder dipped or fused) or No. 18 solid copper wire; 3/8" strip length; or 1575L/1576L with wire leads No. 18 AWG, AWM 1000V, 90°C, 9" long, pitched or per customer specs.



1575

1576



See page 33 for complete listing of product variations.

800 SERIES SLIMLINE LAMP SOCKET

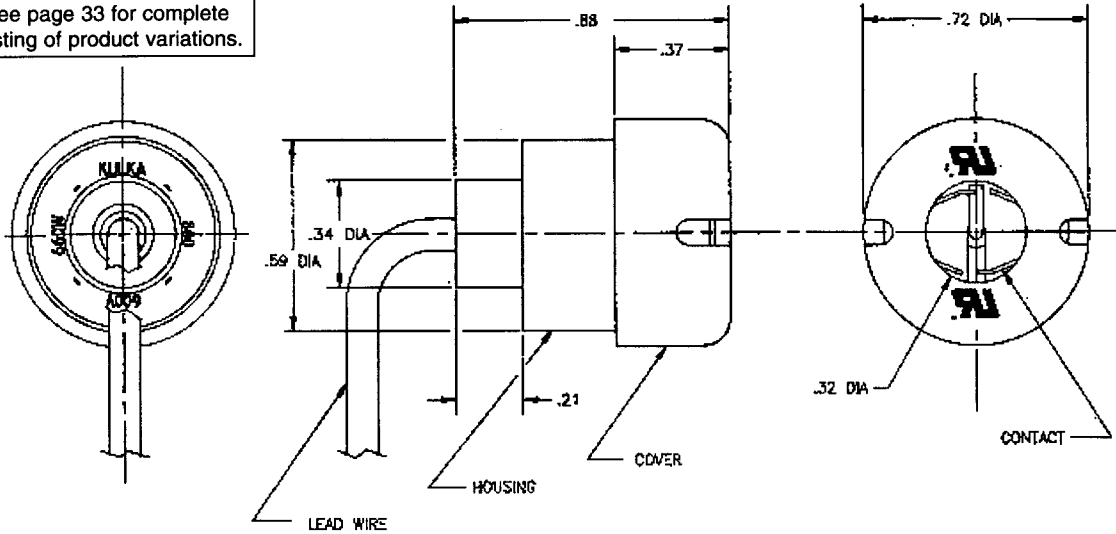
Ratings: 600 Volts, 660 Watts

Listings: UL and CSA recognized File No. E13408

Materials: housing – engineering grade thermoplastic, UV resistant
 contacts – brass alloy
 wire – No. 18 gauge (twisted and solder dipped or fused)
 90°C, 1000 volt



See page 33 for complete listing of product variations.



**1730 SERIES FOR 430 MA. SLIMLINE LAMPS
 SLIDE-ON SLIMLINE, TOMBSTONE**

Ratings: 1730-1 – 1000 Volts, 660 Watts

1730-2 – 600 Volts, 660 Watts

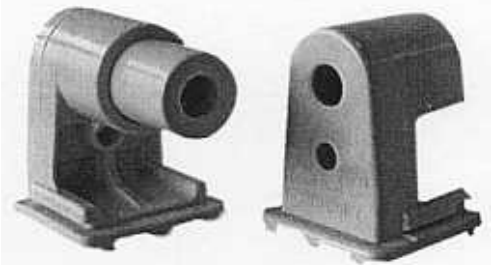
Listings: UL File No. E-13408; CSA File No. LR95423.

UL listed and CSA certified for outdoor use in enclosed signs and fixtures

Materials: housing – white urea; contacts – copper alloy

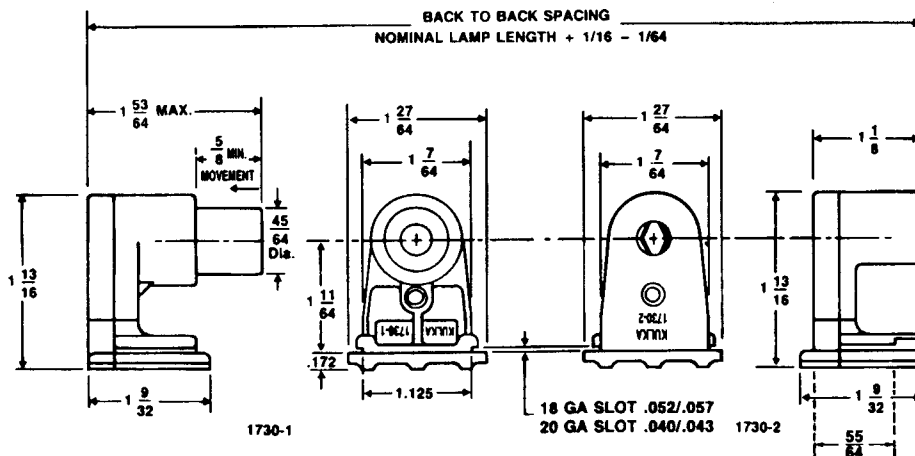
Terminations: "Wire-Fast" terminals for No. 18 AWG stranded (twisted and solder dipped or fused) or No. 18 solid copper wire; 3/8" strip length.

Mounting: slide-on for 18 or 20 gauge panels

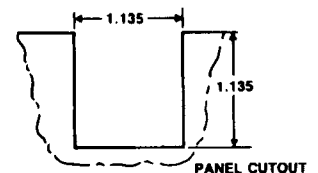


1730-1

1730-2



See page 33 for complete listing of product variations.



**542/543 SERIES FOR MEDIUM BI-PIN LAMPS
BUTT-ON OR BRACKET MOUNT**

Ratings: 600 Volts, 660 Watts

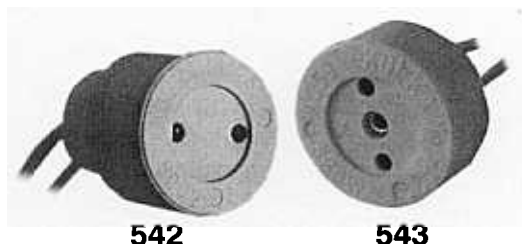
Listings: UL File No. E-13408; CSA File No. LR95423

542X/543X— UL listed and CSA certified for outdoor use in enclosed signs and fixtures

Materials: housing – white urea; contacts – copper alloy

Terminations: lead wires No. 18 AWG stranded and tinned, AWM 600 Volts, 105°C, 9" long standard or per customer specs.

Mounting: direct butt-on or with a variety of brackets (see page 26).

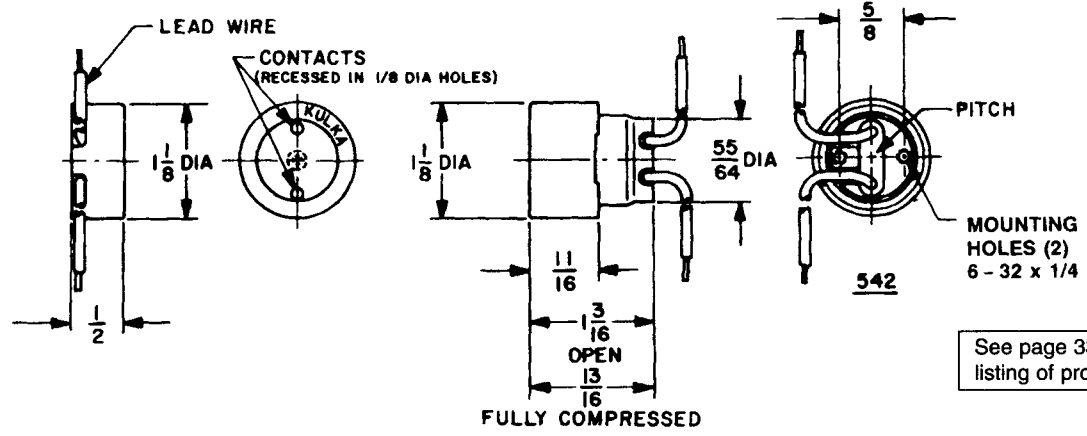


542

543



BACK TO BACK SPACING
NOMINAL LAMP LENGTH *plus* $7/8" \pm 1/32$



See page 33 for complete listing of product variations.

**590 SERIES FOR MEDIUM BI-PIN LAMPS
BUTT-ON TURN LOCK, MULTIMOUNT**

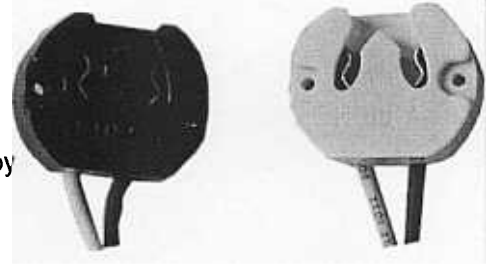
Ratings: 600 Volts, 660 Watts

Listings: UL File No. E-13408; CSA File No. LR95423.

Materials: housing – white urea or black phenolic; contacts – copper alloy

Terminations: Lead wires No. 18 AWG stranded and tinned, AWM 600 Volts, 105°C, 9" long standard or per customer specs.

Mounting: 4/36 tapped hole for screw mounting (screws supplied in bulk); clearance hole for rivet mounting; spring clip for snap-in mounting or with a variety of brackets (see page 29).

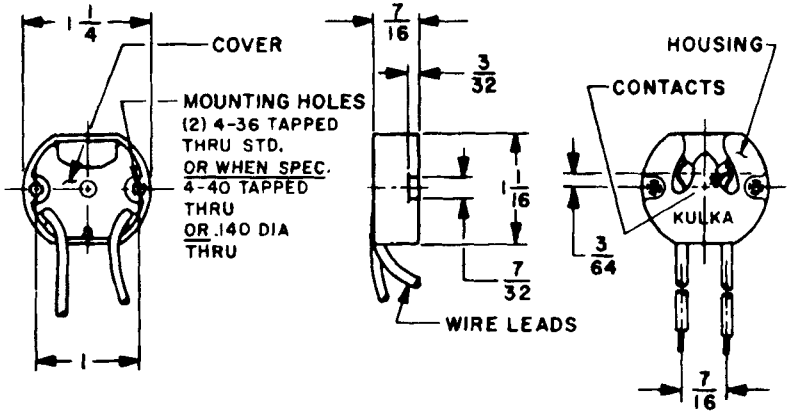


590.B

590.W



BACK TO BACK SPACING
NOMINAL LAMP LENGTH *plus* $1/8" \pm 1/32$



See page 33 for complete listing of product variations.

**591 SERIES FOR MEDIUM BI-PIN LAMPS
BRACKET MOUNTED, SIDE ENTRY**

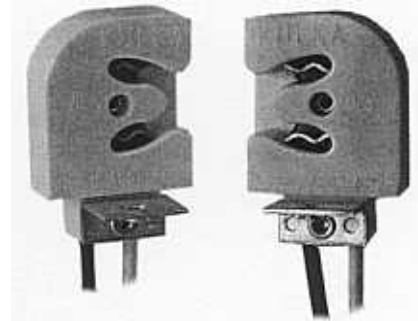
Ratings: 600 Volts, 660 Watts

Listings: UL File No. E-13408; CSA File No. LR95423.

Materials: housing – white urea; contacts – copper alloy

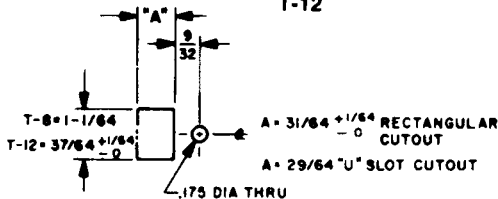
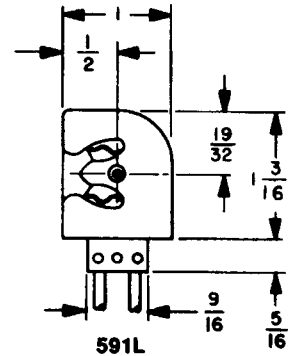
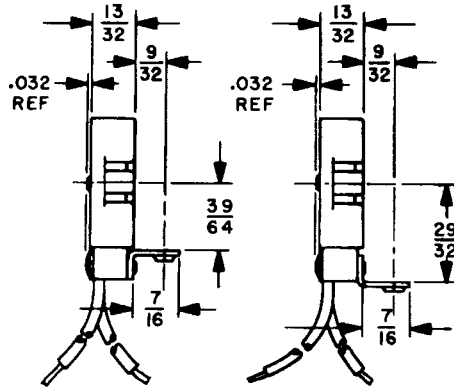
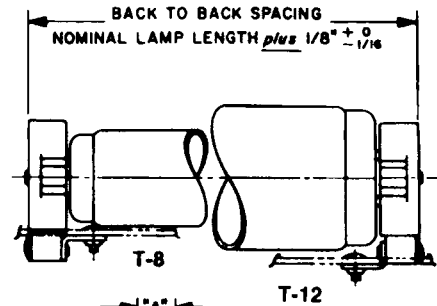
Terminations: Lead Wires No. 18 AWG stranded and tinned, AWM 600 Volts, 105°C, 9" long standard or per customer specs.

Mounting: bracket mounted with 6/32 thread or .156 clearance hole for T-8 or T-12 lamps – specify.



591 RT12

591 LT 8



MOUNTING PANEL CUTOUT FOR 20 GAUGE (.036") PANELS

T-8

T-12

See page 33 for complete listing of product variations.

**594 SERIES FOR MEDIUM BI-PIN LAMPS
BUTT-ON OR BRACKET MOUNT, TOMBSTONE**

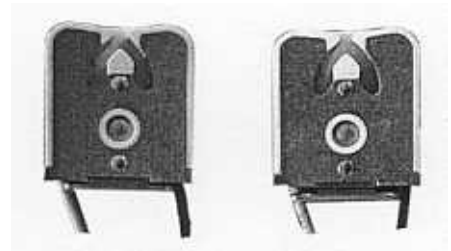
Ratings: 600 Volts, 660 Watts

Listings: UL File No. E-13408; CSA File No. LR95423.

Materials: housing – white urea; contacts – copper alloy

Terminations: Lead Wires No. 18 AWG stranded and tinned, AWM 600 Volts, 105°C, 9" long standard or per customer specs.

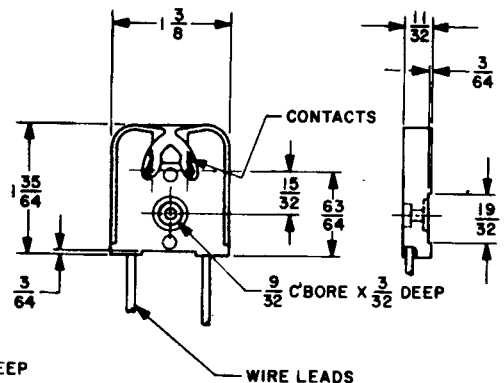
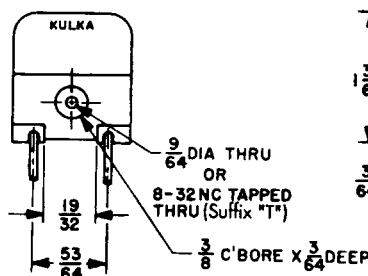
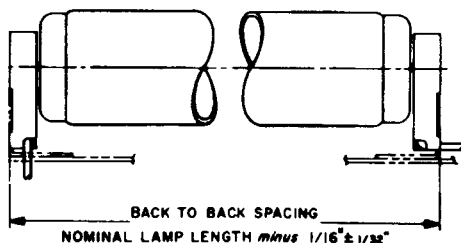
Mounting: bracket mounted with 6/32 screws; or with a variety of brackets (see page 30).



594



See page 33 for complete listing of product variations.



**1550 SERIES FOR MEDIUM BI-PIN LAMPS
TURN LOCK TOMBSTONE, SLIDE-ON MOUNTING**

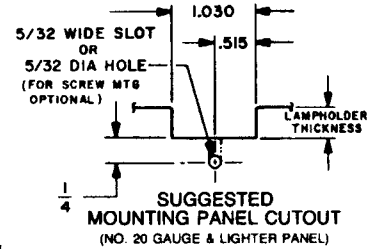
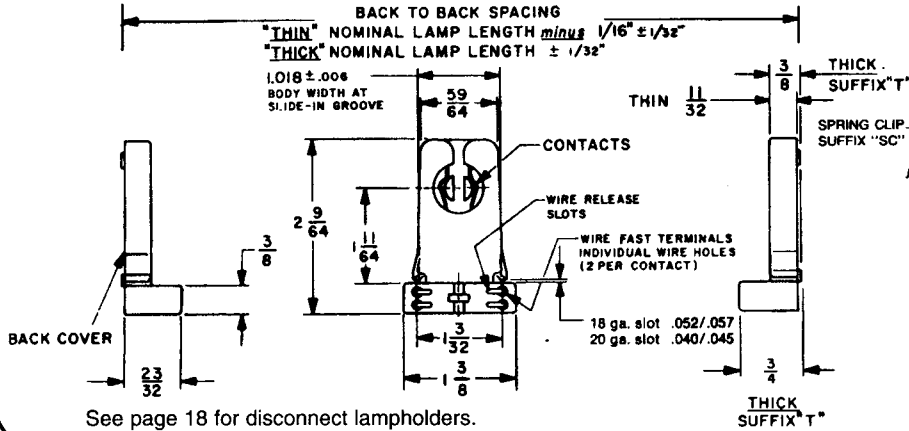
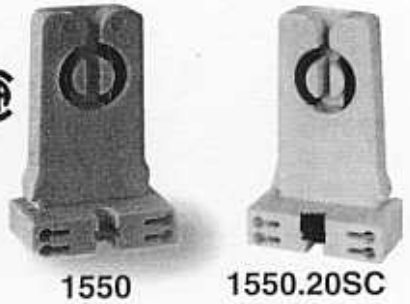
Ratings: 600 Volts, 660 Watts

Listings: UL File No. E-13408; CSA File No. LR95423.

Materials: housing – white urea; contacts – copper alloy

Terminations: "Wire-Fast" terminals for No. 18 AWG stranded (twisted and solder dipped or fused) or No. 18 solid copper wire; 3/8" strip length.

Mounting: slide-on slots for 18 or 20 gauge panels; optional self-retaining mounting nut; 6/32 x 1/2" screws available in bulk; or spring clip.



See page 33 for complete listing of product variations.

See page 18 for disconnect lampholders.

**1551 SERIES FOR MEDIUM BI-PIN LAMPS
TURN LOCK TOMBSTONE, SCREW AND NUT MOUNTING**

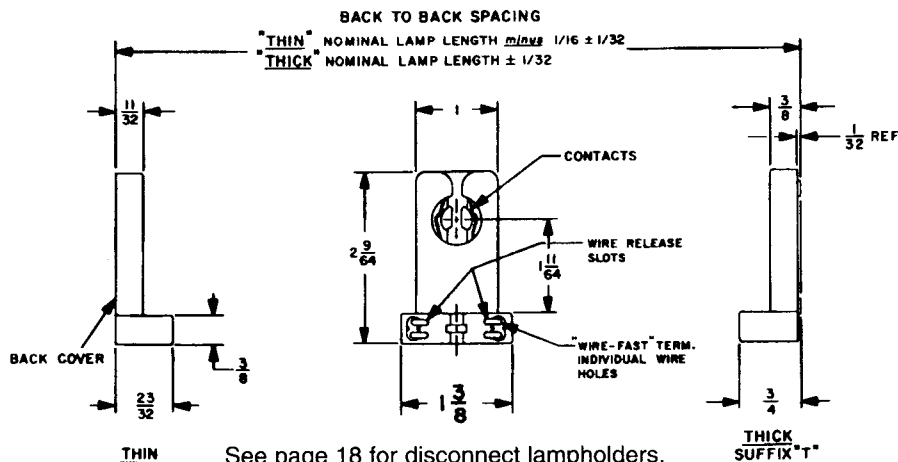
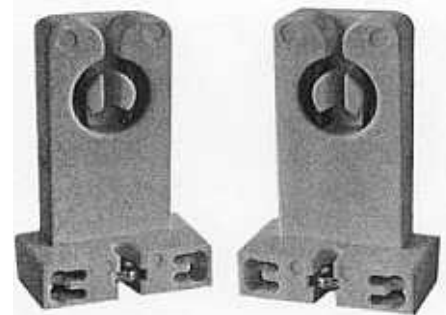
Ratings: 600 Volts, 660 Watts

Listings: UL File No. E-13408; CSA File No. LR95423.

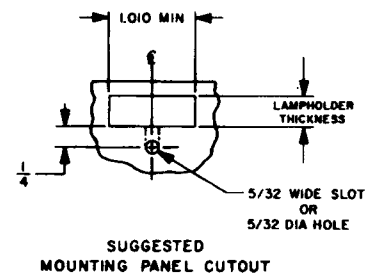
Materials: housing – white urea; contacts – copper alloy

Terminations: "Wire-Fast" terminals for No. 18 AWG stranded (twisted and solder dipped or fused) or No. 18 solid copper wire; 3/8" strip length.

Mounting: bracket mounted with 6/32 x 1/2" screws available in bulk.



1551



See page 33 for complete listing of product variations.

See page 18 for disconnect lampholders.

**1801 SERIES FOR MEDIUM BI-PIN LAMPS
LOW LINE TURN LOCK, TOMBSTONE**

Ratings: 600 Volts, 660 Watts

Listings: UL File No. E-13408; CSA File No. LR95423

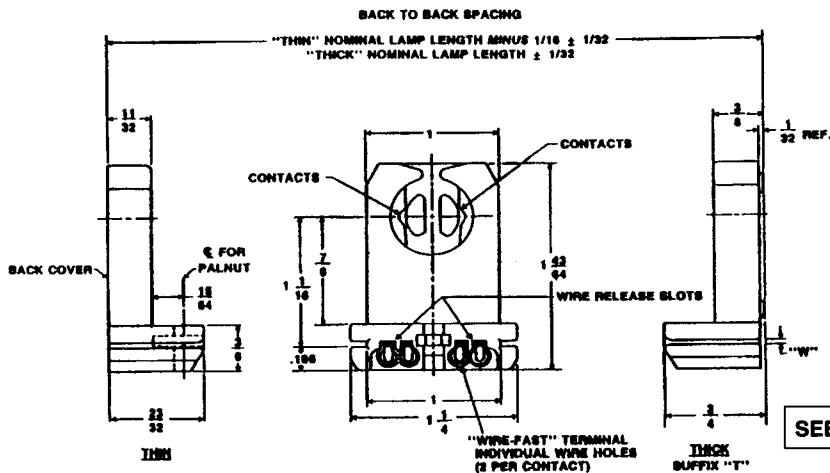
Materials: housing – white urea; contacts – copper alloy (edge wipe configuration)

Terminations: "Wire-Fast" terminals for No. 18 AWG stranded (twisted and solder dipped or fused) or No. 18 solid copper wire; 3/8" strip length.

Mounting: self retaining 6/32" mounting nut, 6/32 x 1/2" screws available in bulk (see page 35).



1801.P



See page 35 for complete listing of product variations.

SEE 1710 FOR SUGGESTED MOUNTING PANEL CUTOUT

**1605 SERIES FOR MEDIUM BI-PIN LAMPS
BUTT-ON OR BRACKET MOUNT, TOMBSTONE**

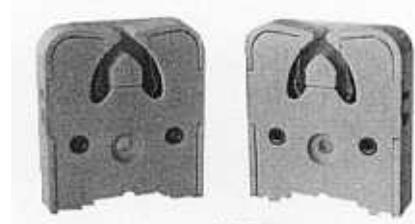
Ratings: 600 Volts, 660 Watts

Listings: UL File No. E-13408

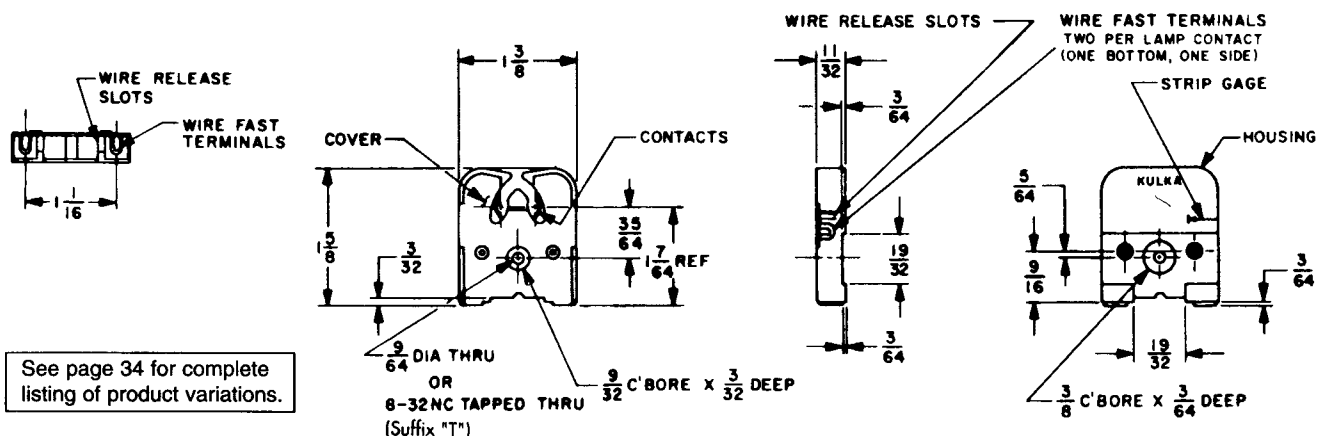
Materials: housing – white urea; contacts – copper alloy

Terminations: "Wire-Fast" terminals for No. 18 AWG stranded (twisted and solder dipped or fused) or No. 18 solid copper wire; 3/8" strip length.

Mounting: direct butt-on with 6/32 screws; or with a variety of brackets (see page 30).



1605



See page 34 for complete listing of product variations.

**1800. CJT8 SERIES FOR T8 MEDIUM BI-PIN LAMPS
LOW LINE TURN LOCK, TOMBSTONE, PRE-JUMPERED**

Ratings: 600 Volts, 660 Watts

Listings: UL File No. E-13408; CSA File No. LR95423

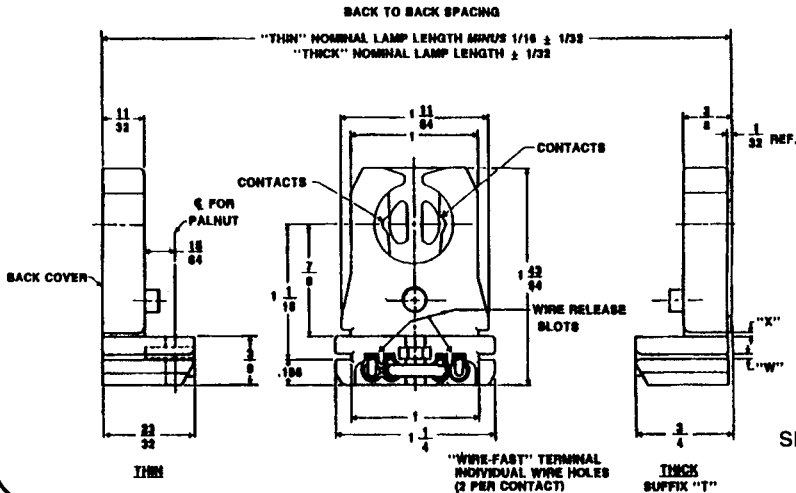
Materials: housing – white urea; contacts – copper alloy (edge wipe configuration)

Terminations: “Wire-Fast” terminals for No. 18 AWG stranded (twisted and solder dipped or fused) or No. 18 solid copper wire; 3/8” strip length.

Mounting: slide-on slots for 18 or 20 gauge panels; or top slot 20 gauge, bottom slot 18 gauge, with or without palnut.



1800 CJT8



External jumper for electronic ballast applications is easily visible to prevent accidental misuse of internally shunted lampholders. External boss prevents installation of T-12 lamps.

See page 35 for complete listing of product variations.

SEE 1710 FOR SUGGESTED MOUNTING PANEL CUTOUT

**1800 SERIES FOR MEDIUM BI-PIN LAMPS
LOW LINE TURN LOCK, TOMBSTONE**

Ratings: 600 Volts, 660 Watts

Listings: UL File No. E-13408; CSA File No. LR95423

Materials: housing – white urea; contacts – copper alloy (edge wipe configuration)

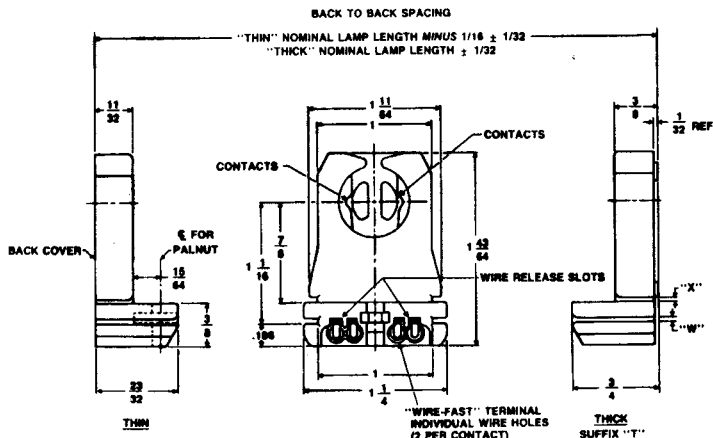
Terminations: “Wire-Fast” terminals for No. 18 AWG stranded (twisted and solder dipped or fused) or No. 18 solid copper wire; 3/8” strip length.

Mounting: slide-on slots for 18 or 20 gauge panels; or top slot 20 gauge, bottom slot 18 gauge; with or without palnut.



1800.C

1800.CSC



CAT. NO.	I.D. MARK	THIN	THICK	Slot "W"	Slot "X"
1800-18T	18		3/8	.052/.055	.052/.055
1800-18	18	11/32			
1800-20T	20		3/8	.040/.043	.040/.043
1800-20	20	11/32			
1800-CT	C		3/8	.052/.055	.040/.043
1800-C	C	11/32			
1800-CSC	C	11/32		.052/.055	.040/.043

See page 35 for complete listing of product variations.

SEE 1710 FOR SUGGESTED MOUNTING PANEL CUTOUT

**1615/1616 SERIES FOR "U" LAMPS
LOW LINE STRAIGHT-INSERTION, TOMBSTONE**

Ratings: 600 Volts, 660 Watts

Listings: UL File No. E-13408; CSA File No. LR95423.

Materials: housing – white urea; contacts – copper alloy

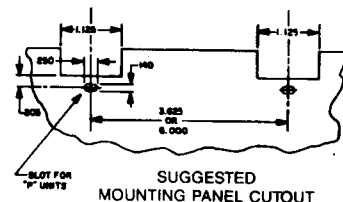
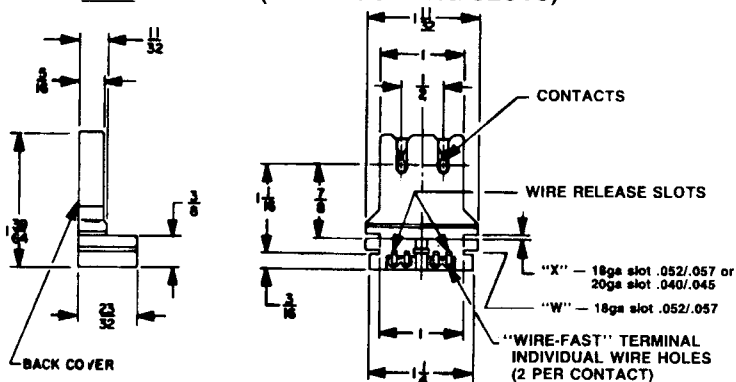
Terminations: "Wire-Fast" terminals for No. 18 AWG stranded (twisted and solder dipped or fused) or No. 18 AWG solid copper wire; 3/8" strip length.

Mounting: slide-on slots for either 18 or 20 gauge panels; with or without 4/36 palnut.



1615

1615 - SERIES (SIDE MOUNTING SLOTS)



See page 34 for complete listing of product variations.

**1617 SERIES FOR MEDIUM BI-PIN LAMPS
LOW LINE STRAIGHT INSERTION, TOMBSTONE**

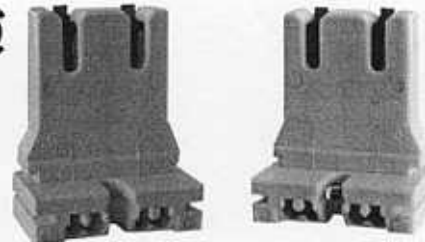
Ratings: 600 Volts, 660 Watts

Listings: UL File No. E-13408; CSA File No. LR95423.

Materials: housing – white urea; contacts – copper alloy

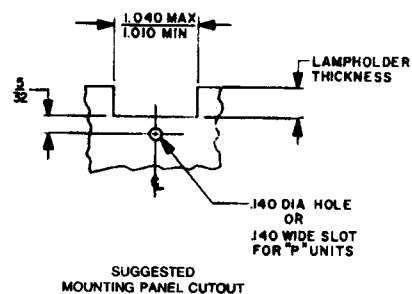
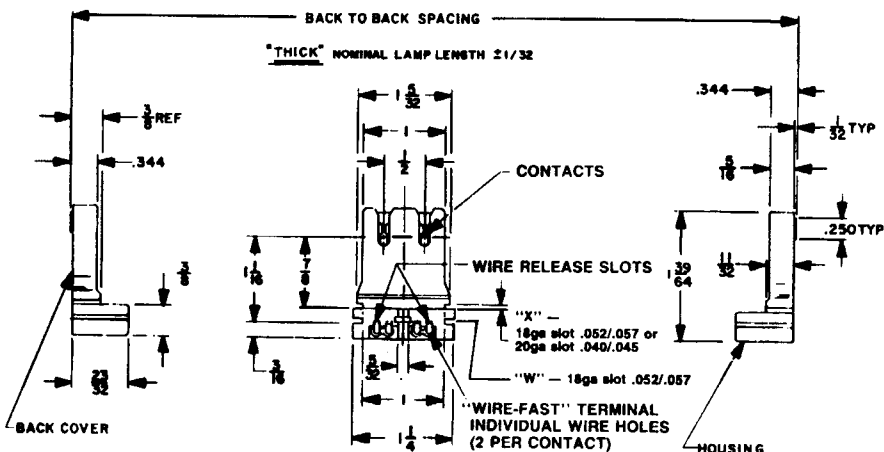
Terminations: "Wire-Fast" terminals for No. 18 AWG stranded (twisted and solder dipped or fused) or No. 18 AWG solid copper wire; 3/8" strip length.

Mounting: slide-on slots for either 18 or 20 gauge panels; with or without 4/36 palnut.



1617

1617P



See page 34 for complete listing of product variations.

**1717 SERIES FOR MEDIUM BI-PIN LAMPS
LOW-LINE STRAIGHT INSERTION, TOMBSTONE**

Ratings: 600 Volts, 660 Watts

Listings: UL File No. E-13408; CSA File No. LR95423

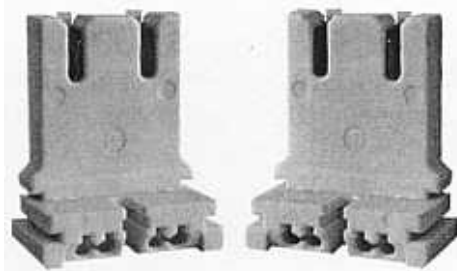


Materials: housing – white urea; contacts – copper alloy

Terminations: "Wire-Fast" terminals for No. 18 AWG stranded (twisted and solder dipped or fused) or No. 18 solid copper wire; 3/8" strip length.

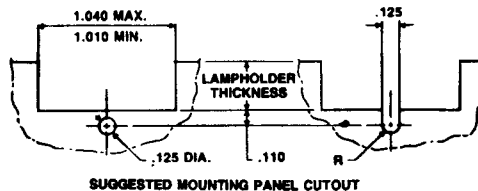
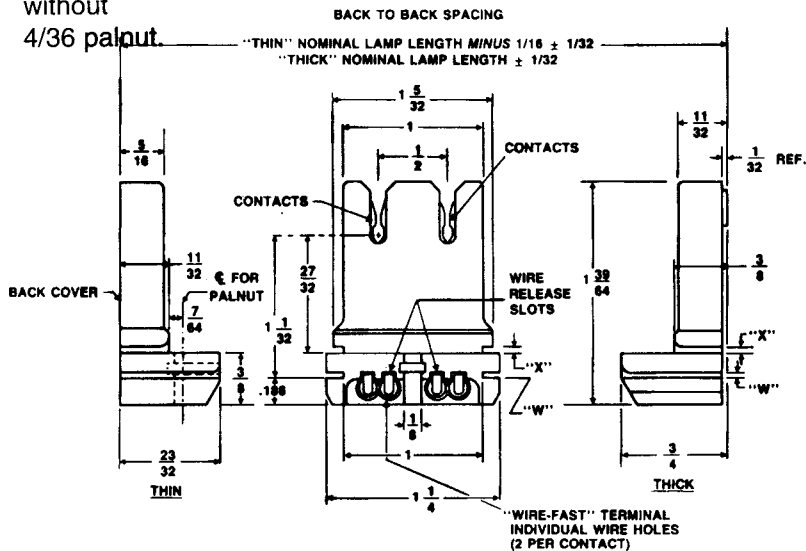
Mounting: slide-on slots for either 18 AWG or 20 gauge panels; with or without

4/36 palnut.



1717

See page 35 for complete listing of product variations.



SUGGESTED MOUNTING PANEL CUTOUT

CAT. NO.	I.D. MARK	THIN	THICK	Slot "W"	Slot "X"
1717-20T	20		3/8	.040/.043	.040/.043
1717-20	20	11/32		.040/.043	.040/.043
1717-CT	C		3/8	.052/.055	.040/.043
1717-C	C	11/32		.052/.055	.040/.043

MEDIUM BI-PIN

**1710 SERIES FOR MEDIUM BI-PIN LAMPS
HI-LINE – LOW TOP TURN LOCK, TOMBSTONE**

Ratings: 600 Volts, 660 Watts

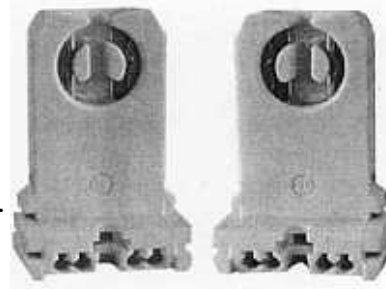
Listings: UL File No. E-13408; CSA File No. LR95423



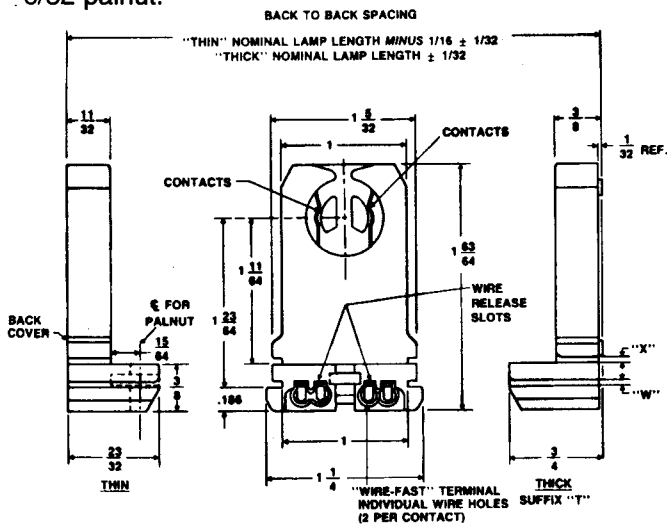
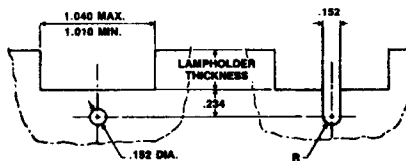
Materials: housing – white urea; contacts – copper alloy

Terminations: "Wire-Fast" terminals for No. 18 AWG stranded (twisted and solder dipped or fused) or No. 18 AWG solid copper wire; 3/8" strip length.

Mounting: slide-on slots for either 18 or 20 gauge panels; with or without 6/32 palnut.



1710



CAT. NO.	I.D. MARK	THIN	THICK	Slot "W"	Slot "X"
1710-18T	18		3/8	.052/.055	.052/.055
1710-18	18	11/32		.052/.055	.052/.055
1710-20T	20		3/8	.040/.043	.040/.043
1710-20	20	11/32		.040/.043	.040/.043

See page 34 for complete listing of product variations.

**1711 SERIES FOR MEDIUM BI-PIN LAMPS
HI-LINE – LOW TOP TURN LOCK**

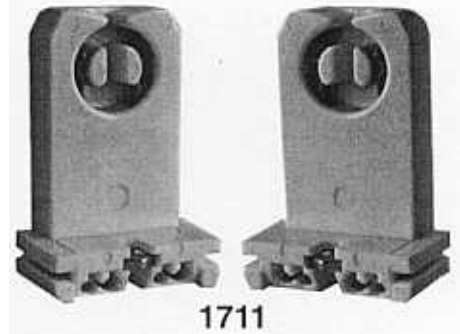
Ratings: 600 Volts, 660 Watts

Listings: UL File No. E-13408; CSA File No. LR95423

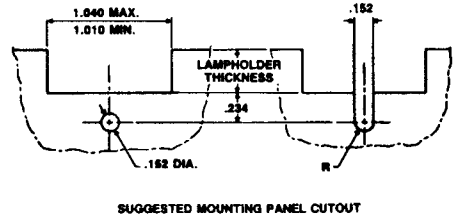
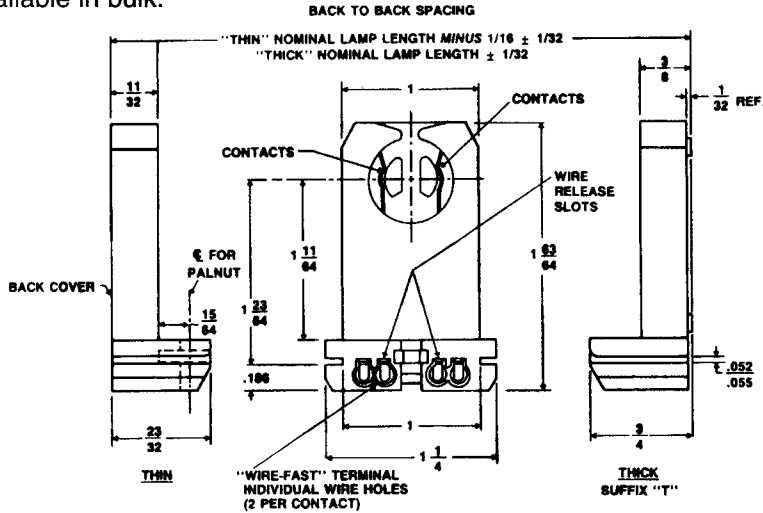
Materials: housing – white urea; contacts – copper alloy

Terminations: "Wire-Fast" terminals for No. 18 AWG stranded (twisted and solder dipped or fused) or No. 18 AWG solid copper wire; 3/8" strip length.

Mounting: self retaining 6/32 mounting nut, 6/32" x 1/2" screws available in bulk.



1711



See page 34 for complete listing of product variations.

**593 SERIES FOR MEDIUM BI-PIN LAMPS
DUAL BUTT-ON, RAPID START OR PRE-HEAT**

Ratings: 600 Volts, 660 Watts

Listings: UL File No. E-13408; CSA File No. LR95423

Materials: housing – white urea; contacts – copper alloy

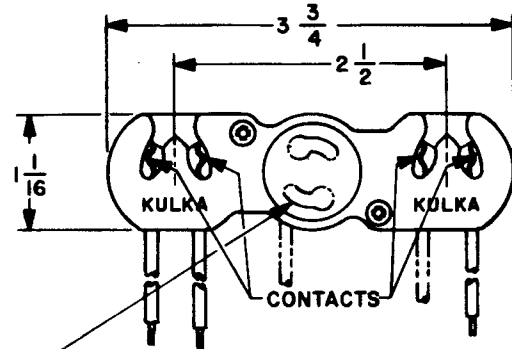
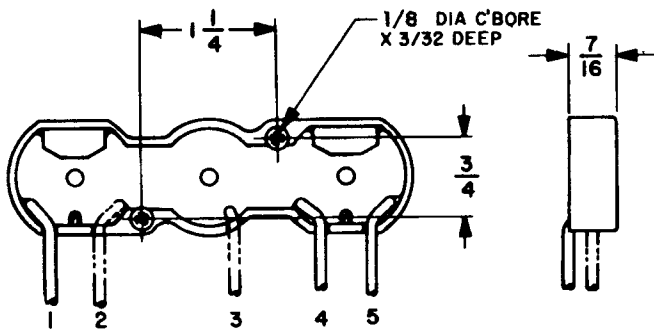
Terminations: lead wires No. 18 AWG stranded and tinned, AWM 600 Volts, 105° C, 9" long standard or per customer specs.



593 RS

593

BACK TO BACK SPACING
NOMINAL LAMP LENGTH plus 1/8" ± 1/32



See page 33 for complete listing of product variations.

593 WITH STARTER SOCKET **593 RS** WITHOUT STARTER SOCKET & TURN-LOCK DETAIL

DISCONNECT CIRCUIT INTERRUPTING LAMPHOLDERS

1550D; 1551D; 1600D SERIES FOR MEDIUM BI-PIN LAMPS

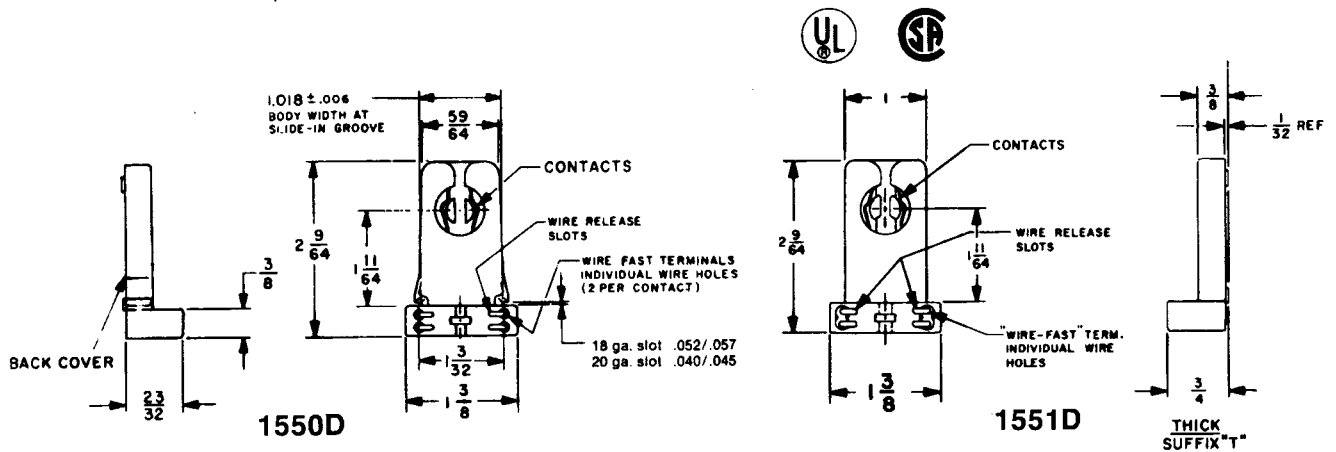
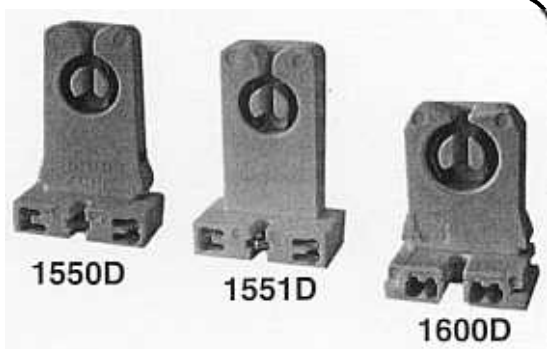
Ratings: 600 Volts, 660 Watts

Listings: UL File No. E-13408; CSA File No. LR95423

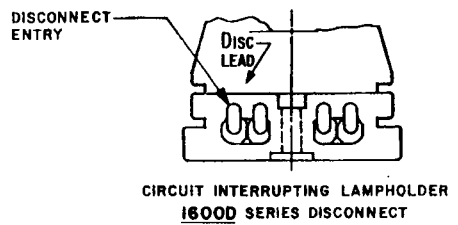
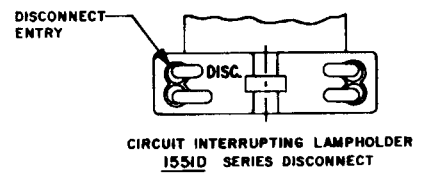
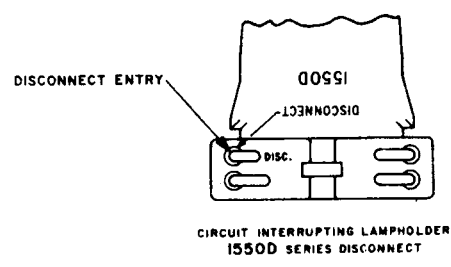
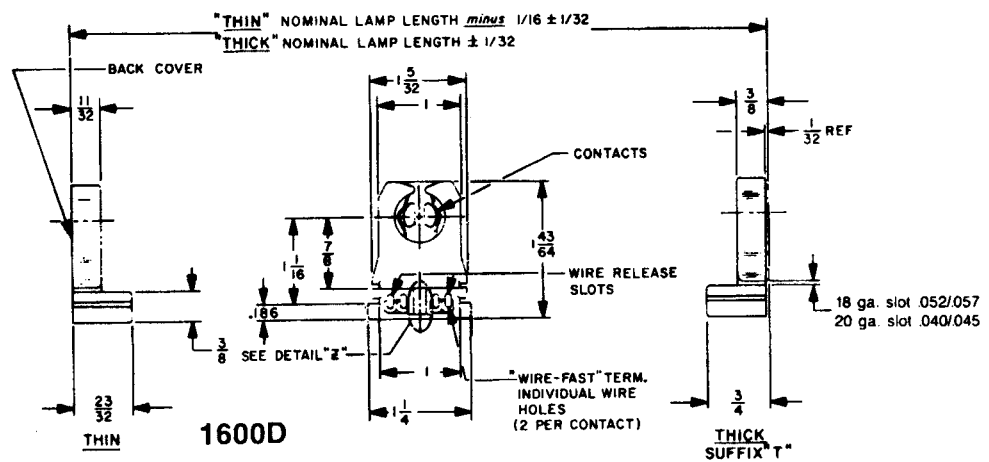
Materials: 1551D – self retaining 6/32 palnut

Terminations: "Wire-Fast" terminals for No. 18 AWG stranded (twisted and solder dipped or fused) or No. 18 AWG solid copper wire; 3/8" strip length.

Mounting: 1550D, 1600D slide-on slots for 18 or 20 gauge panels, with or without 6/32 palnut.



BACK TO BACK SPACING



Disconnect lampholders may be used in combination with other Kulka Lampholders as listed.

- 1550D — 1550, 1551, 1710
- 1551D — 1551, 1550, 1710
- 1600D — 1800

See page 33 for complete listing of product variations.

**1670 SERIES FOR MINIATURE BI-PIN LAMPS
BUTT-ON, FLUSH OR SURFACE MOUNT**

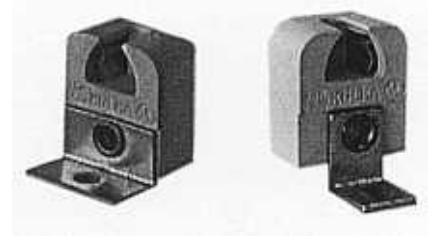
Ratings: 250 Volts, 75 Watts

Listings: UL File No. E-13408; CSA File No. LR95423

Materials: housing – white engineering grade thermoplastic; contacts – copper alloy

Terminations: "Wire-Fast" terminals for No. 18 AWG stranded (twisted and solder dipped or fused) or No. 18 solid copper wire; 3/8" strip length.

Mounting: 1670 Series direct butt-on or with a variety of brackets (see page 28).

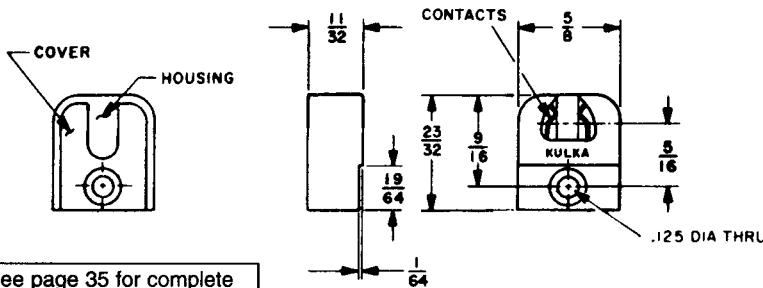


1670



1670

BACK TO BACK SPACING
NOMINAL LAMP LENGTH $\pm 1/64$



1670

See page 35 for complete listing of product variations.

HIGH INTENSITY DISCHARGE

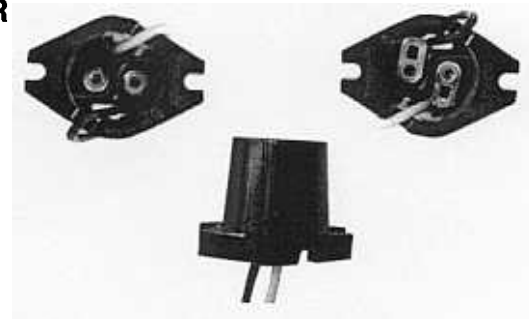
5110 SERIES LOW PRESSURE SODIUM LAMPHOLDER

Ratings: 1000 Volts, 660 Watts (no home use)

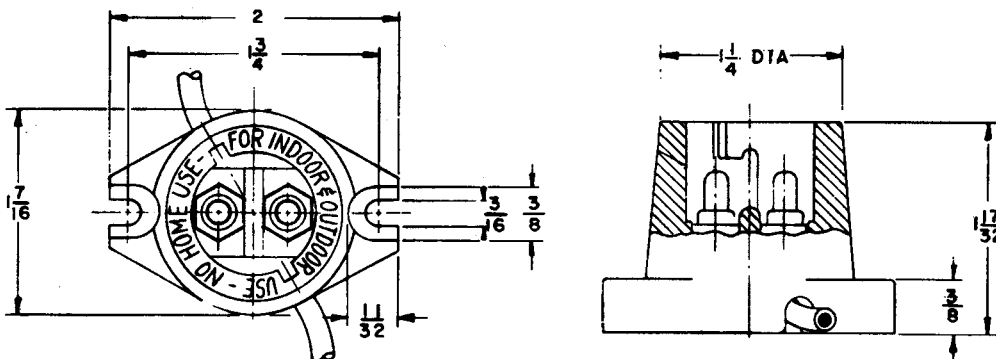
Listings: UL File No. E-13408C; CSA File No. LR95423

Materials: housing – black high temperature, flame retardant thermoset; contacts – electro-tinned copper alloy, self wiping.

Terminations: lead wires No. 16 AWG stranded, 1000 Volts, 90°C, 9" standard or per customer specifications.



5110



See page 35 for complete listing of product variations.

SINGLE END FLUORESCENT

5421 SERIES LAMPHOLDERS FOR PL STYLE LAMPS

Ratings: 75 Watts, 600 Volts

Listings: UL File No. E-13408; CSA File No. LR95423

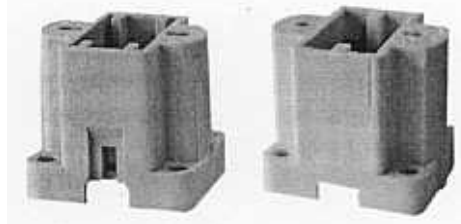
UL listed for indoor and outdoor use in an enclosed sign or fixture.



Materials: housing – engineering grade thermoplastic; contacts – copper alloy, retainer clip – stainless steel

Terminations: "Wire-Fast" terminals for No. 18 AWG stranded (twisted and solder dipped or fused) or No. 18 AWG solid copper wire; strip length 3/8".

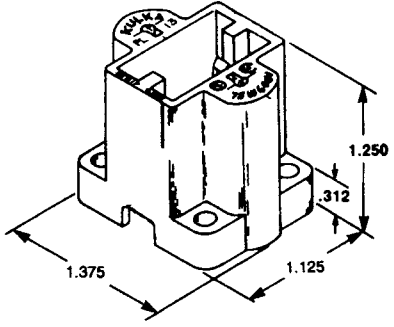
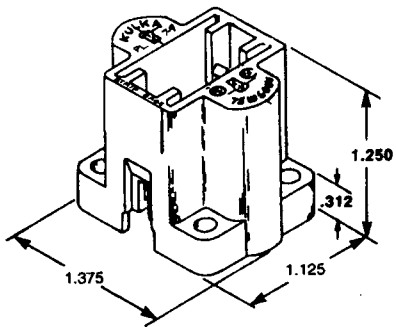
Mounting: four .156" diameter clearance holes.



5421.PL7-9
(G23)

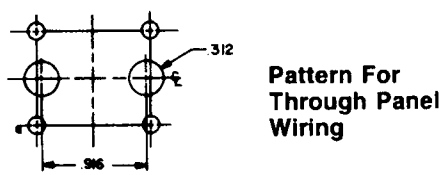
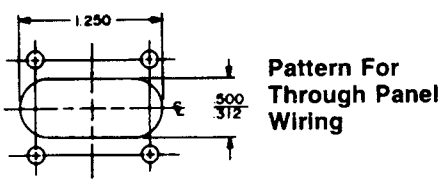
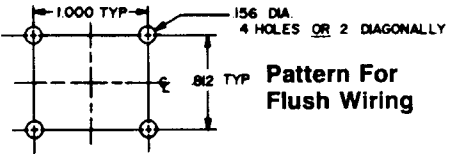
5421.PL13
(GX23)

CATALOG NO.	DESCRIPTION	
5421.PL 7-9	Screw Mount	For 5, 7 & 9 Watt PL
5421.PL 13		For 13 Watt PL

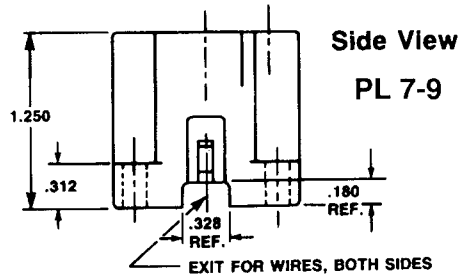
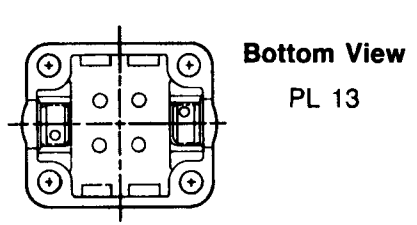
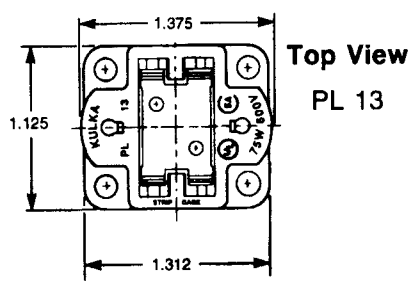
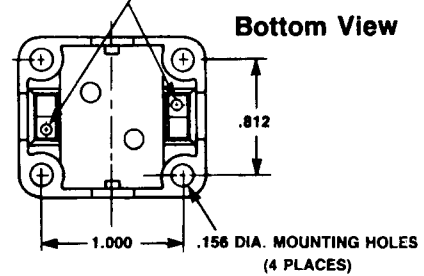
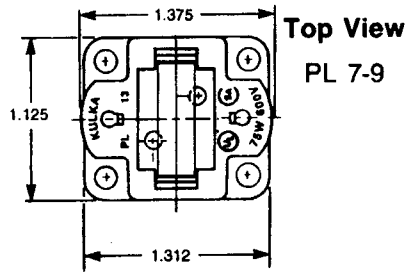


LAMPHOLDER DETAILS

MOUNTING PATTERN SUGGESTIONS PL7, 9, 13



WIRE-FAST TERMINALS. MT'L. COPPER ALLOY



See page 35 for complete listing of product variations.

5422 SERIES MULTIMOUNT LAMPHOLDERS FOR PL STYLE LAMPS

Ratings: 75 Watts, 600 Volts

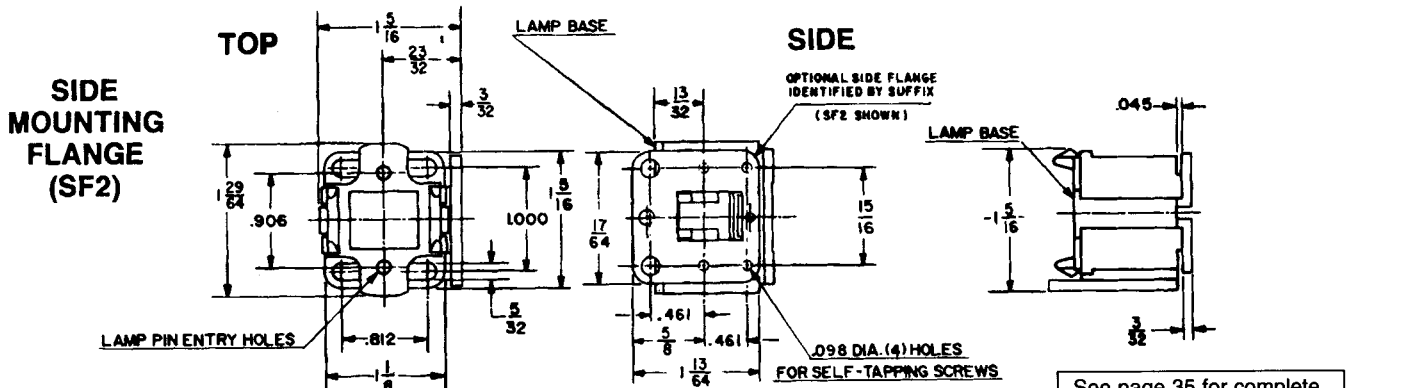
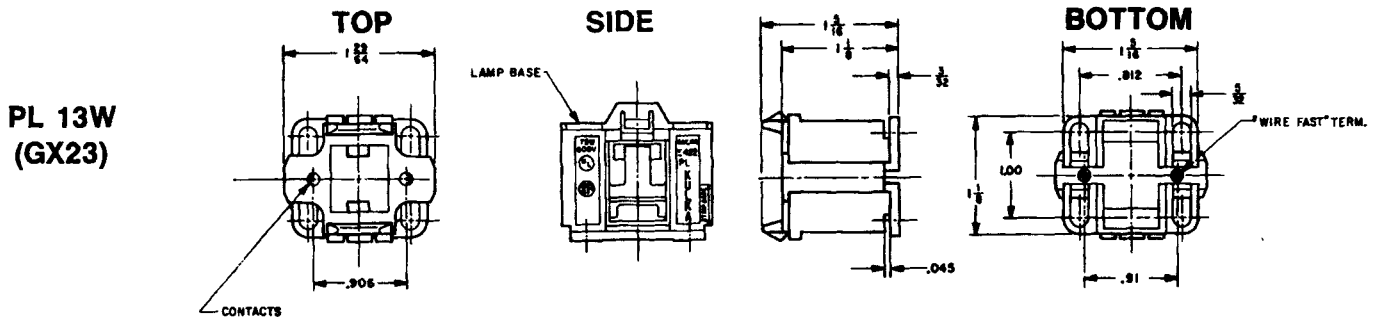
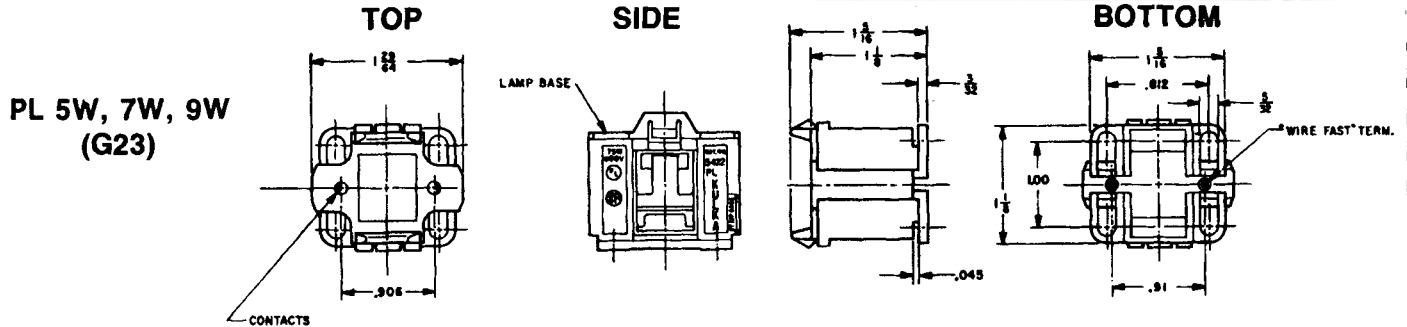
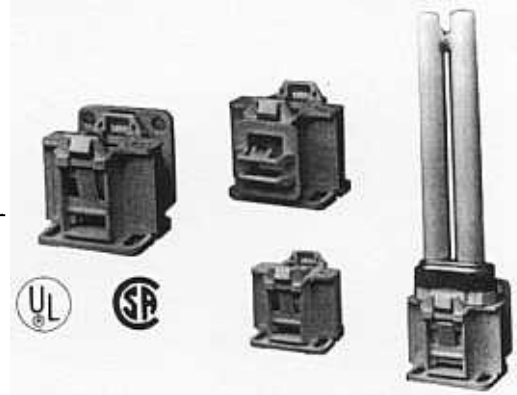
Listings: UL File No. E-13408; CSA File No. LR95423

UL listed for indoor and outdoor use in enclosed signs or fixtures

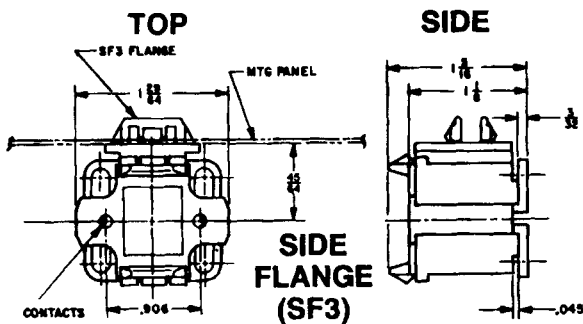
Materials: housing – engineering grade thermoplastic; contacts – copper alloy, UL 94 V.O. self extinguishing.

Terminations: "Wire-Fast" terminals for No. 18 AWG stranded (twisted and solder dipped or fused) or No. 18 AWG solid copper wire; 3/8" strip length.

Mounting: See page 31 for complete mounting specifications.



See page 35 for complete listing of product variations.



PART #	LAMP	HORIZONTAL				VERTICAL		BELOW PANEL
		Screw In	Bolt On	Slide On	Snap In	Bolt On	Slide On	Snap In
5422.PL7/9	5W, 7W, 9W					X	X	X
5422.PL7/9 SF2	5W, 7W, 9W	X	X	X		X	X	
5422.PL7/9 SF3	5W, 7W, 9W				X	X	X	X
5422.PL13	13W				X	X	X	
5422.PL13 SF2	13W	X	X	X		X	X	
5422.PL13 SF3	13W				X	X	X	X

STARTER SOCKETS

596/597 SERIES STARTER SOCKETS

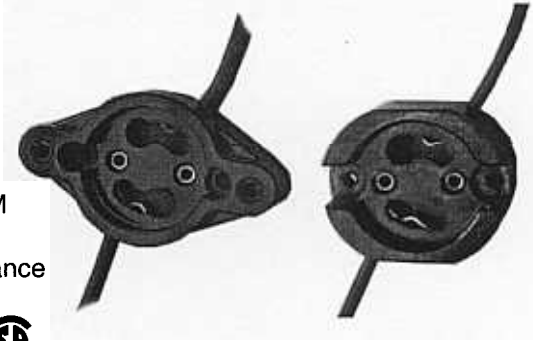
Ratings: 250 Volts, 660 Watts

Listings: UL File No. E-18121; CSA File No. LR95423

Materials: housing – black phenolic or white urea; contacts – copper alloy.

Terminations: lead wires No. 18 AWG stranded and tinned, AWM 600 Volts, 105° C, 9" long standard or per customer specs.

Mounting: 6/32 tapped holes with screws supplied in bulk; clearance holes, or a variety of brackets (see page 27).

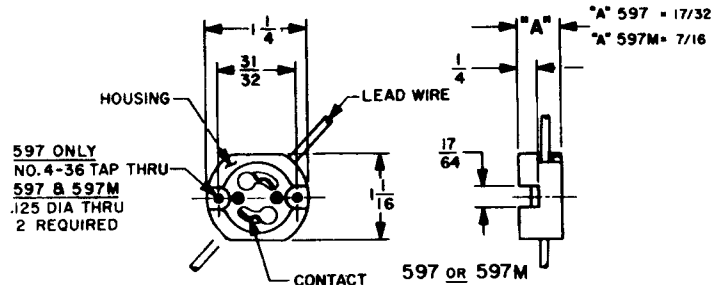
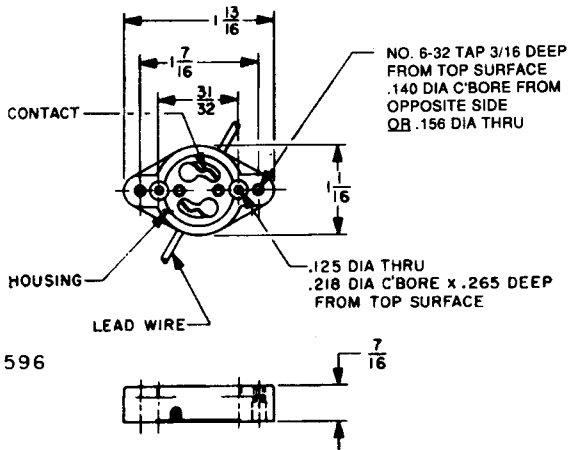


596

597



See page 36 for complete listing of product variations.



INCANDESCENT MARITIME SOCKET

130 SERIES INCANDESCENT SOCKET MARITIME MEDIUM SCREW BASE

Ratings: 600 Volts, 660 Watts

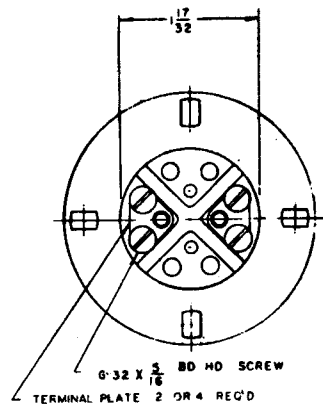
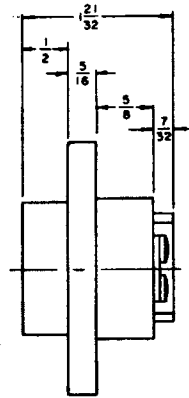
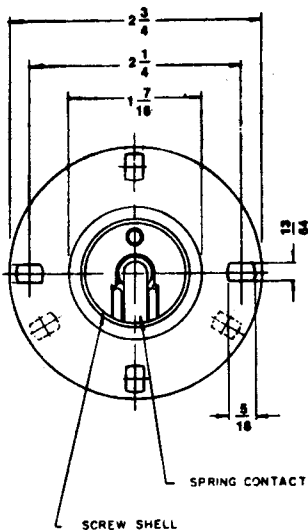
Listings: UL File No. E-13214; CSA File No. LR95423.

Materials: screw shell — copper alloy

Housing: Black Phenolic High Temperature 180°C use.



130



Part.	Number of Terminals	Number of Mtg. Holes
130AHT	2	4 holes – 90° apart
130BHT	4	4 holes – 90° apart
130CHT	2	3 holes – 120° apart
130DHT	4	3 holes – 120° apart

See page 36 for complete listing of product variations.

CUSTOM FLUORESCENT HARNESS ASSEMBLIES

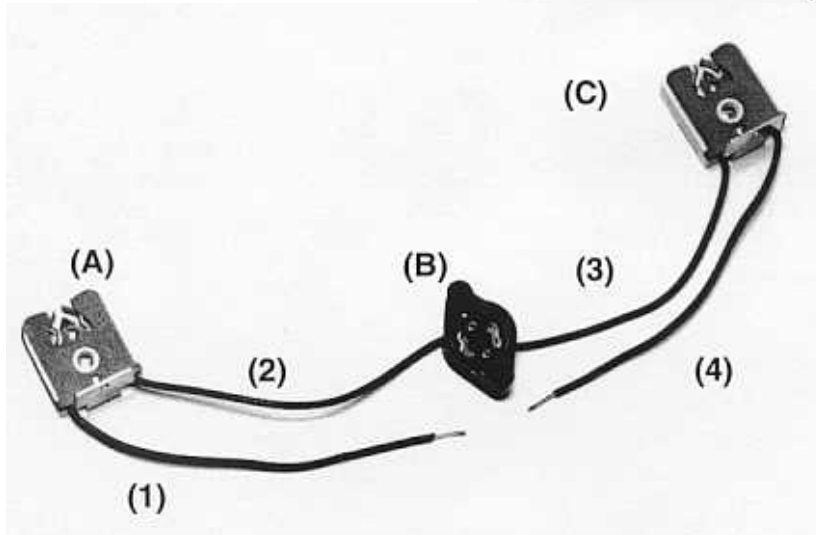
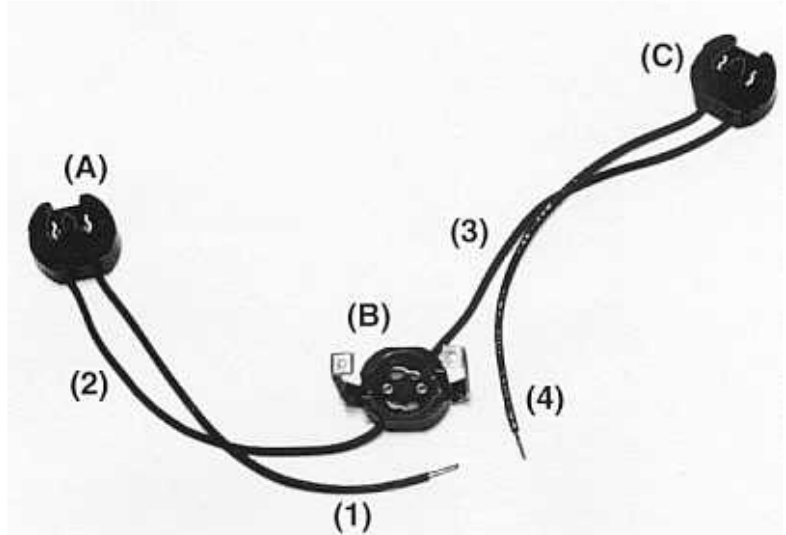
Fluorescent lampholders and starter socket harness assemblies can be custom made to your wiring specifications and mounting requirements. Any Kulka lampholder and starter socket shown in this catalog can be combined.

Molex brand terminals are available to further simplify electrical assembly. Just follow the steps below to correctly specify your custom harness or ask one of our customer service representatives for assistance.

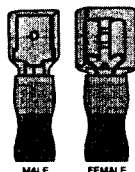
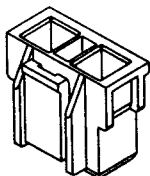
Specifying the Harness:

- Specify the lampholders and starter socket by part number beginning with the left lampholder – note the loose lead wire exits the front left of the lampholder.
 - A. 590B Lampholder #1
 - B. Starter Socket (596.B/597.B Series)
 - C. 590B Lampholder #2
- Specify the lead wires by overall length, color and strip length.

lead wire #1	#2	#3	#4
6" bk	X 8" bk	X15"wh	X6" bk
- Part number:
590B/596.B/590.B
6" bk X 8"bk X15"wh X 6" bk
1/2" strip supplied as standard.



**MOLEX OR AMP CONNECTORS
AVAILABLE UPON REQUEST**



See page 36 for complete listing of product variations.

CONVENIENCE OUTLETS

227 SERIES

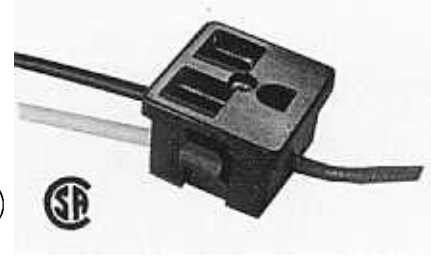
ELECTRICAL RATING:
 Rated voltage – 125 Volts
 Current rating – 15 Amps

LEAD WIRES:
 AWG #14 standard or
 AWG #16 black and white,
 and #16 green ground lead.
 600V, 105°C, 6" long with
 1/2" strip length or per
 customer specs.

"O" ring lug for No. 8 screw
 available on ground wire.

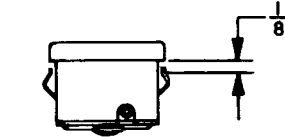
HARDWARE:
 Spring clip – spring steel, blue tempered

MOLDED MATERIAL:
 Black phenolic.
 Other colors available on special order.



CSA FILE NO. LR95423

UL FILE NO. E18487



ALTERNATE 1/8" CLIP
 FOR 1/8" THICK PANEL

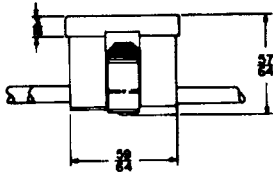
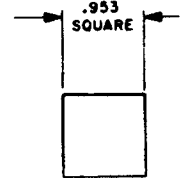
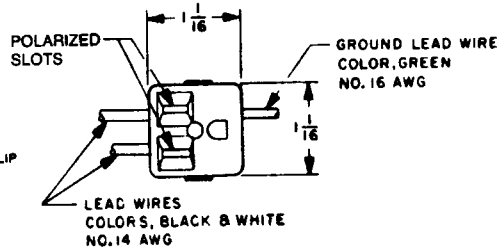
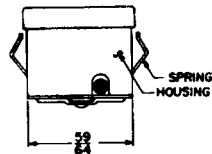


FIGURE 1



MOUNTING PANEL CUT-OUT
 RECOMMENDED PANEL THICKNESS
 1/32 TO 1/16

See page 36 for complete
 listing of product variations.

Description	File #LR95423 CSA	File #18487 UL
227 grounded with 14ga lead	Certified	Listed
227 grounded with 16ga leads	Certified	Listed

CONVENIENCE OUTLETS cont.

325 SERIES

ELECTRICAL RATING:
 Rated voltage – 125 Volts
 Current rating – 15 Amps

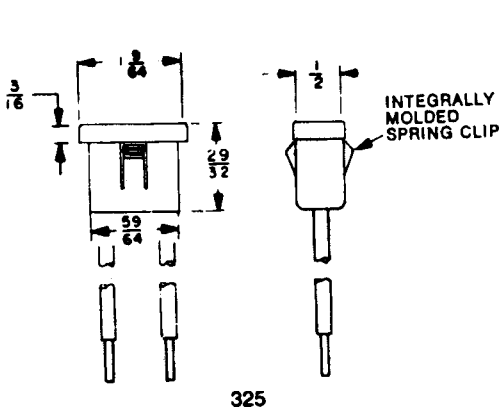
LEAD WIRES:
 No. 14 AWG standard or No. 16 AWG,
 Black and White, AWM 600V, 105°C,
 6" long with 1/2" strip length or per
 customer specs.

HARDWARE:
 Solder terminals – copper alloy, electro-tinned
 Kliptite terminal – copper alloy, tin plated

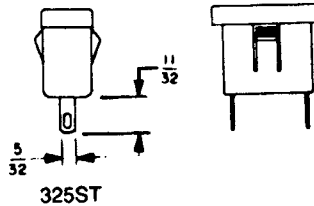
MOLDED MATERIAL:
 Black thermoplastic UL 94V-0).
 Other colors available on special order.



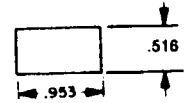
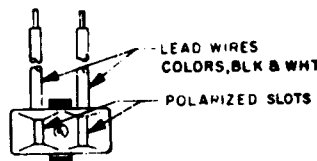
325



325



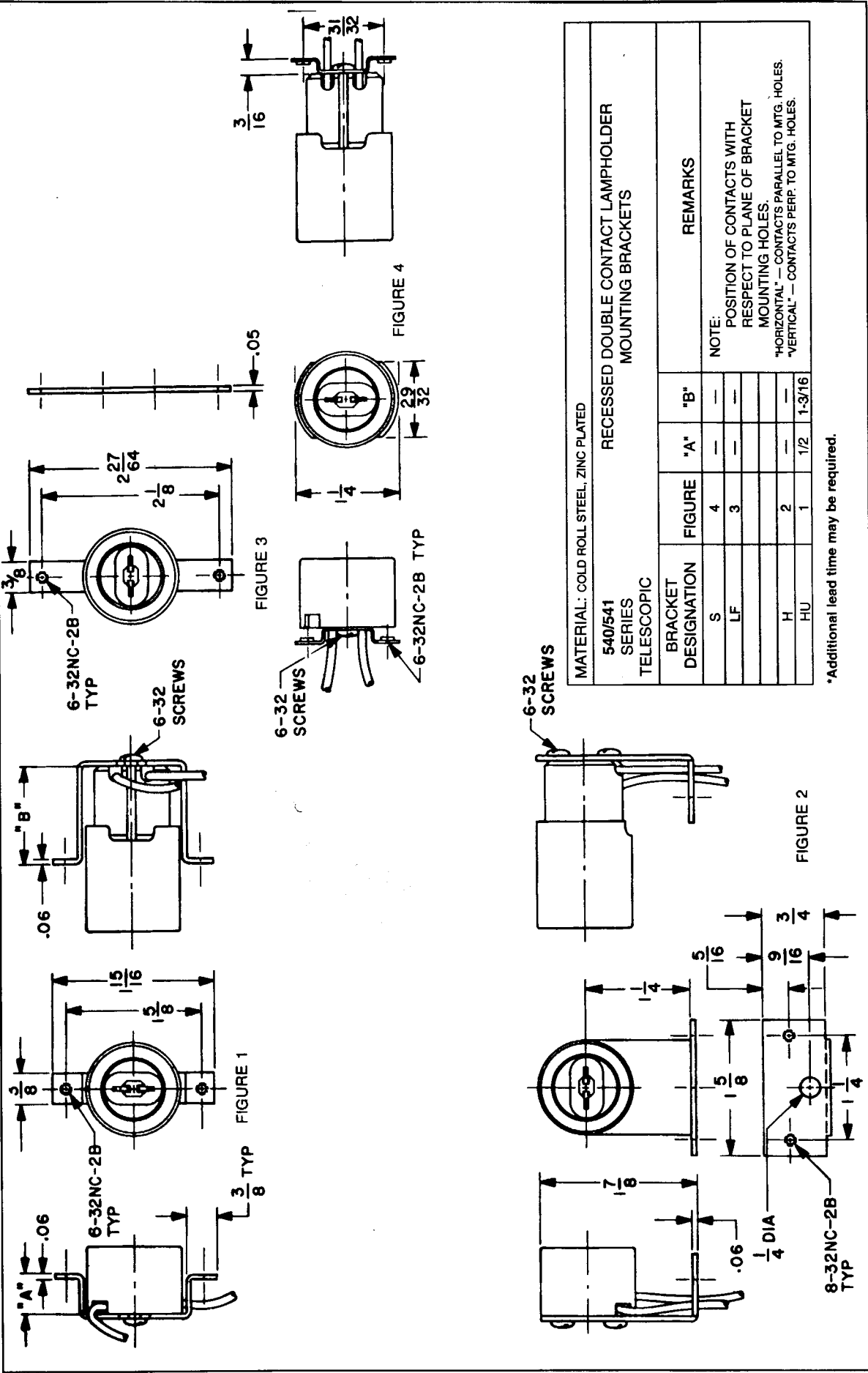
325ST



MOUNTING PANEL CUT-OUT
 RECOMMENDED PANEL THICKNESS
 (.032 TO .062 STANDARD)

See page 36 for complete
 listing of product variations.

CATALOG	DESCRIPTION	File #LR95423 CSA	File #18487 UL
325	Lead Wires 14 ga, 16ga	Certified	Listed
325ST	Solder Terminals	Certified	Listed



MATERIAL: COLD ROLL STEEL, ZINC PLATED

540/541
SERIES
TELESCOPIC

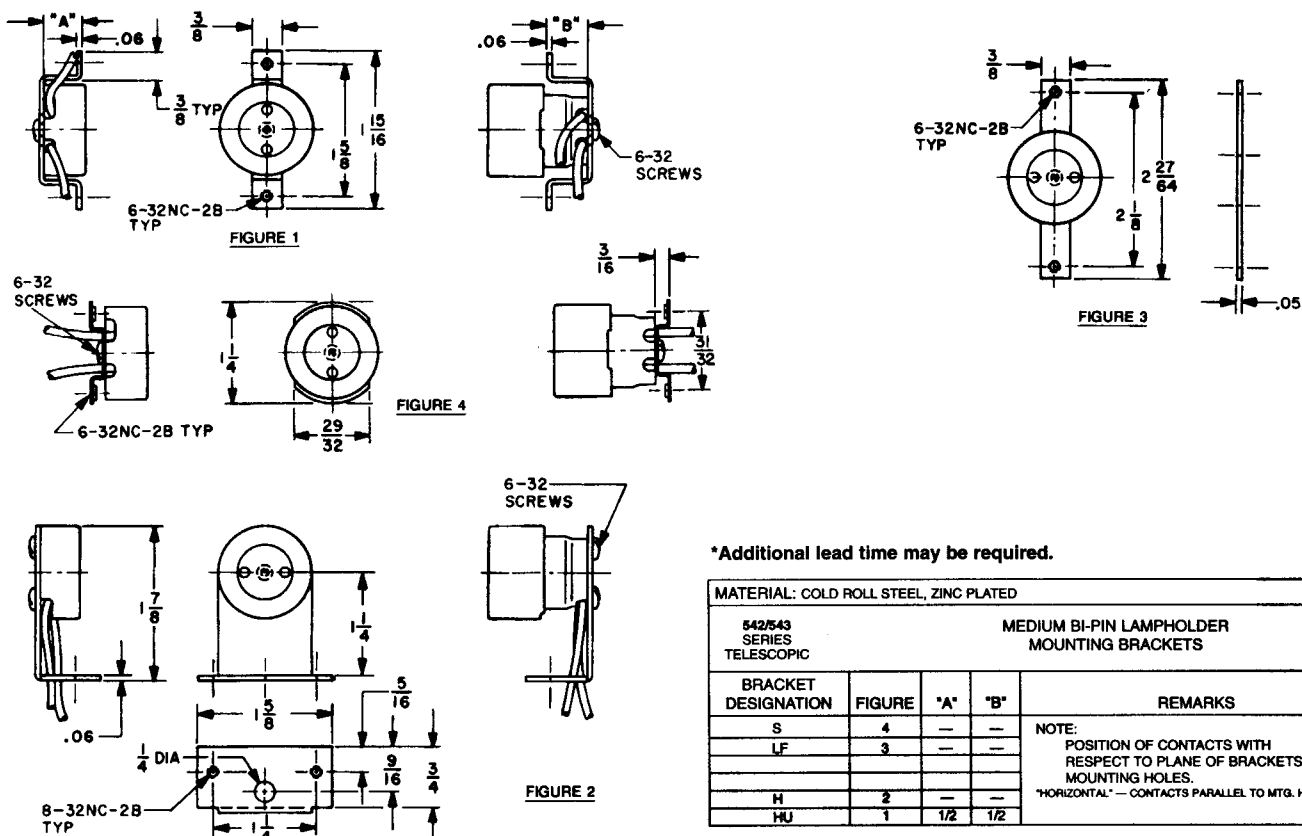
RECESSED DOUBLE CONTACT LAMPHOLDER
MOUNTING BRACKETS

BRACKET DESIGNATION	FIGURE	"A"	"B"	REMARKS
S	4	—	—	NOTE: POSITION OF CONTACTS WITH RESPECT TO PLANE OF BRACKET MOUNTING HOLES. "HORIZONTAL" — CONTACTS PARALLEL TO MTG. HOLES. "VERTICAL" — CONTACTS PERP. TO MTG. HOLES.
LF	3	—	—	
H	2	—	—	
HU	1	1/2	1-3/16	

*Additional lead time may be required.

For complete specifications contact VOLTARC TECHNOLOGIES, INC., Waterbury, CT 06705 Tel: (203)-578-4600 Fax: (203) 578-4605

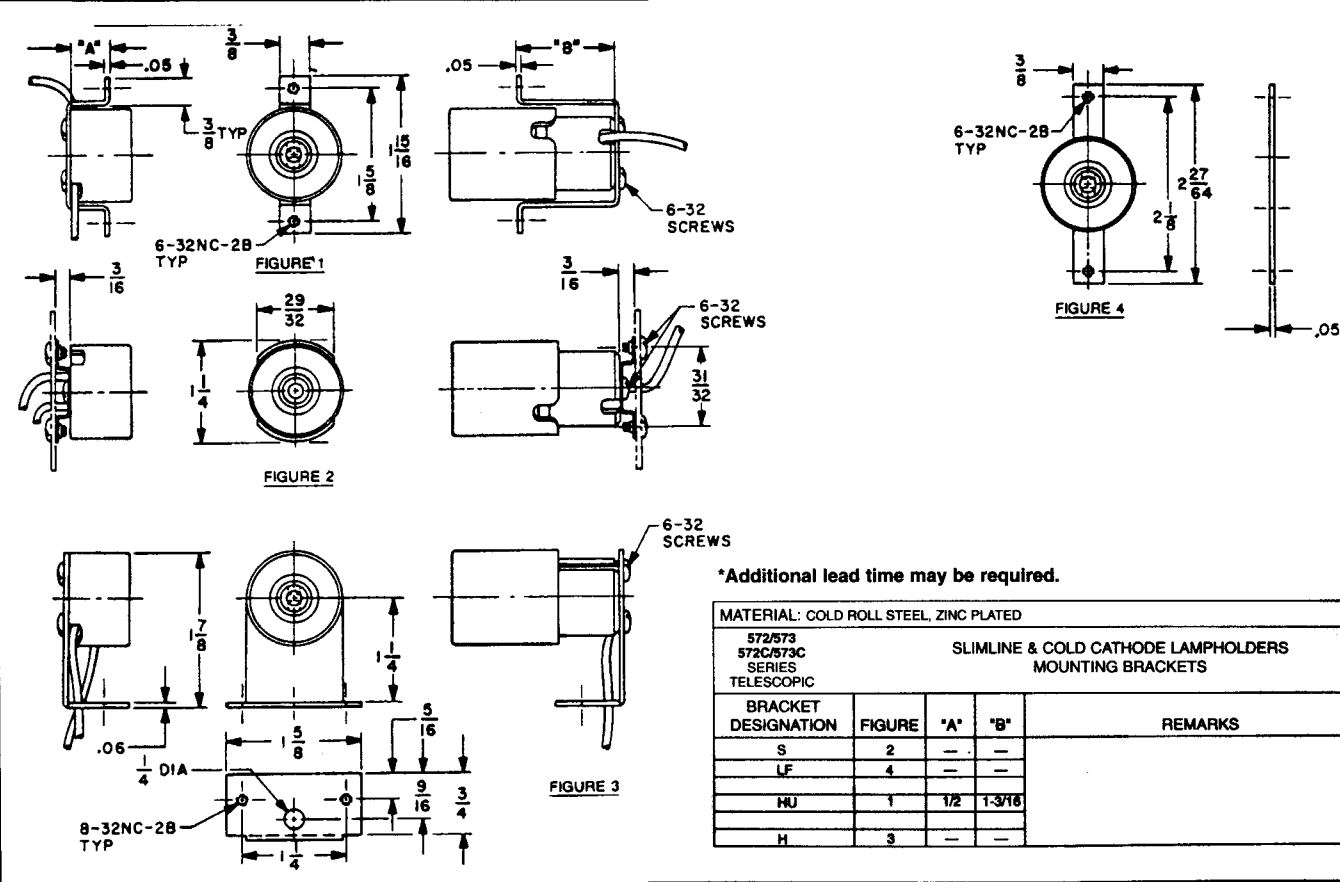
542/543 SERIES



*Additional lead time may be required.

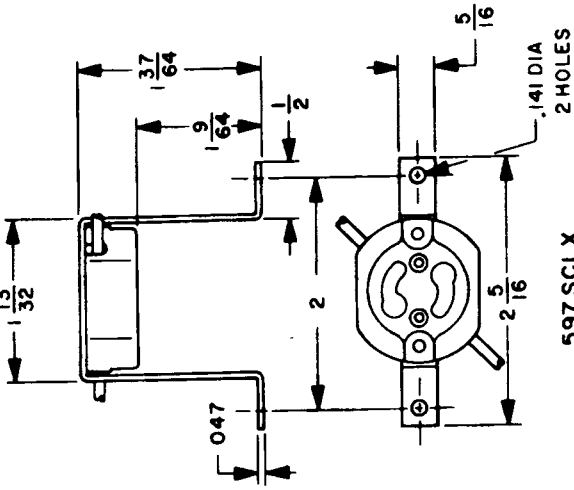
MATERIAL: COLD ROLL STEEL, ZINC PLATED				
542/543 SERIES TELESCOPIC		MEDIUM BI-PIN LAMPHOLDER MOUNTING BRACKETS		
BRACKET DESIGNATION	FIGURE	"A"	"B"	REMARKS
S	4	—	—	NOTE: POSITION OF CONTACTS WITH RESPECT TO PLANE OF BRACKETS MOUNTING HOLES. *HORIZONTAL: — CONTACTS PARALLEL TO MTG. HOLES.
LF	3	—	—	
H	2	—	—	
HU	1	1/2	1/2	

572/573 SERIES

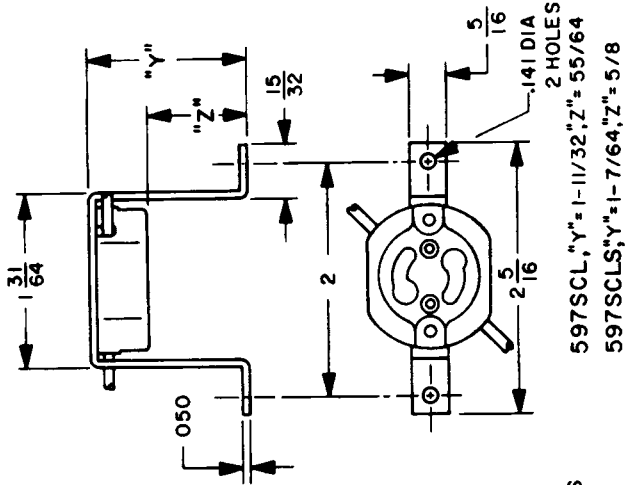


*Additional lead time may be required.

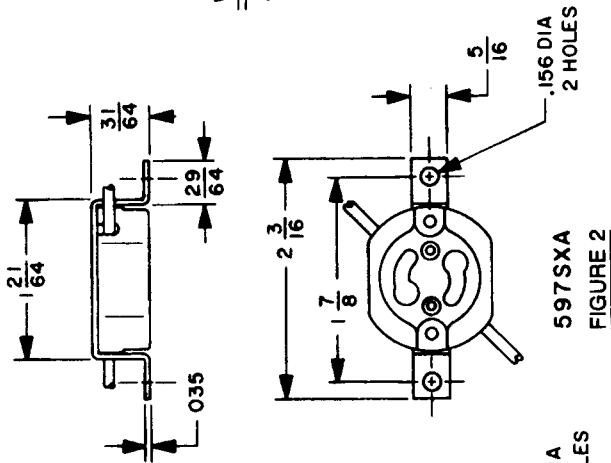
MATERIAL: COLD ROLL STEEL, ZINC PLATED				
572/573 SERIES TELESCOPIC		SLIMLINE & COLD CATHODE LAMP HOLDERS MOUNTING BRACKETS		
BRACKET DESIGNATION	FIGURE	"A"	"B"	REMARKS
S	2	—	—	
LF	4	—	—	
HU	1	1/2	1-3/16	
H	3	—	—	



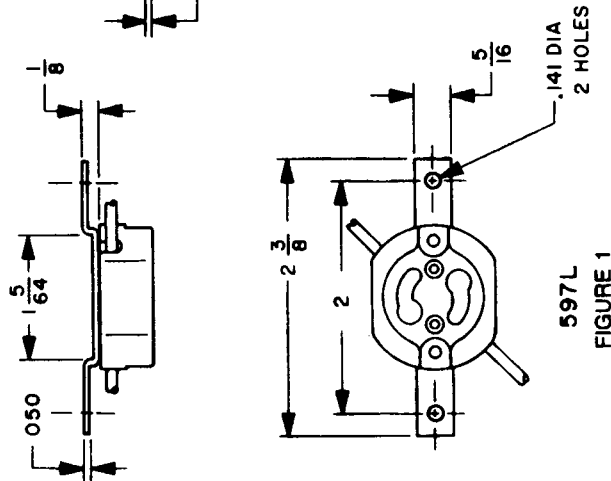
597 SCLX
FIGURE 4



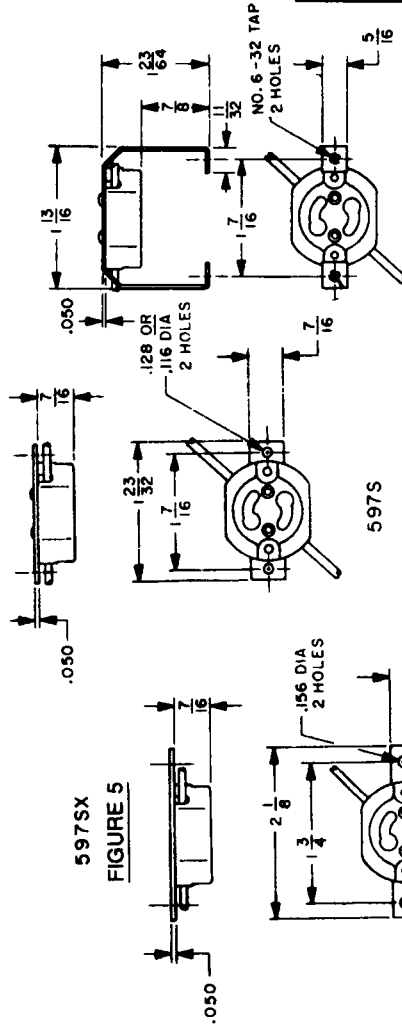
597 SCL, "Y" = 1-11/32, "Z" = 55/64
597 SCLZ, "Y" = 1-7/64, "Z" = 5/8
FIGURE 3 *



597 SXA
FIGURE 2



597 L
FIGURE 1



597 SX
FIGURE 5

597 S
FIGURE 6

597 SC
FIGURE 7

MATERIAL: COLD ROLL STEEL, ZINC PLATED

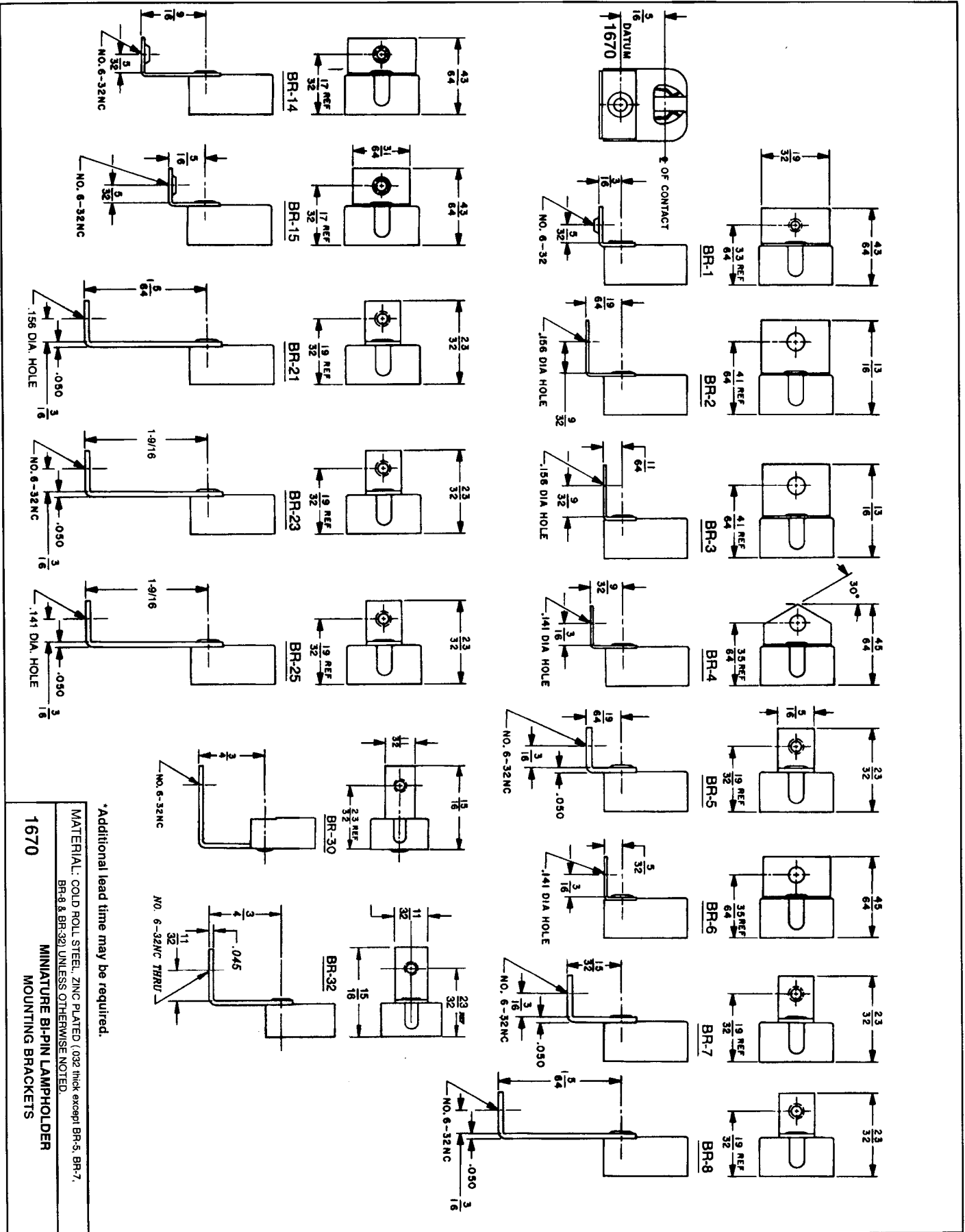
597 SERIES

FLUORESCENT STARTER SOCKET

FOR PREHEAT STARTERS
UL & CSA LISTED RATINGS: 660W, 250V
UL FILE NO. E-18121, CSA FILE NO. 6918

*Additional lead time may be required.

For complete specifications contact VOLTARC TECHNOLOGIES, INC., Waterbury , CT 06705 Tel: (203)-578-4600 Fax: (203) 578-4605

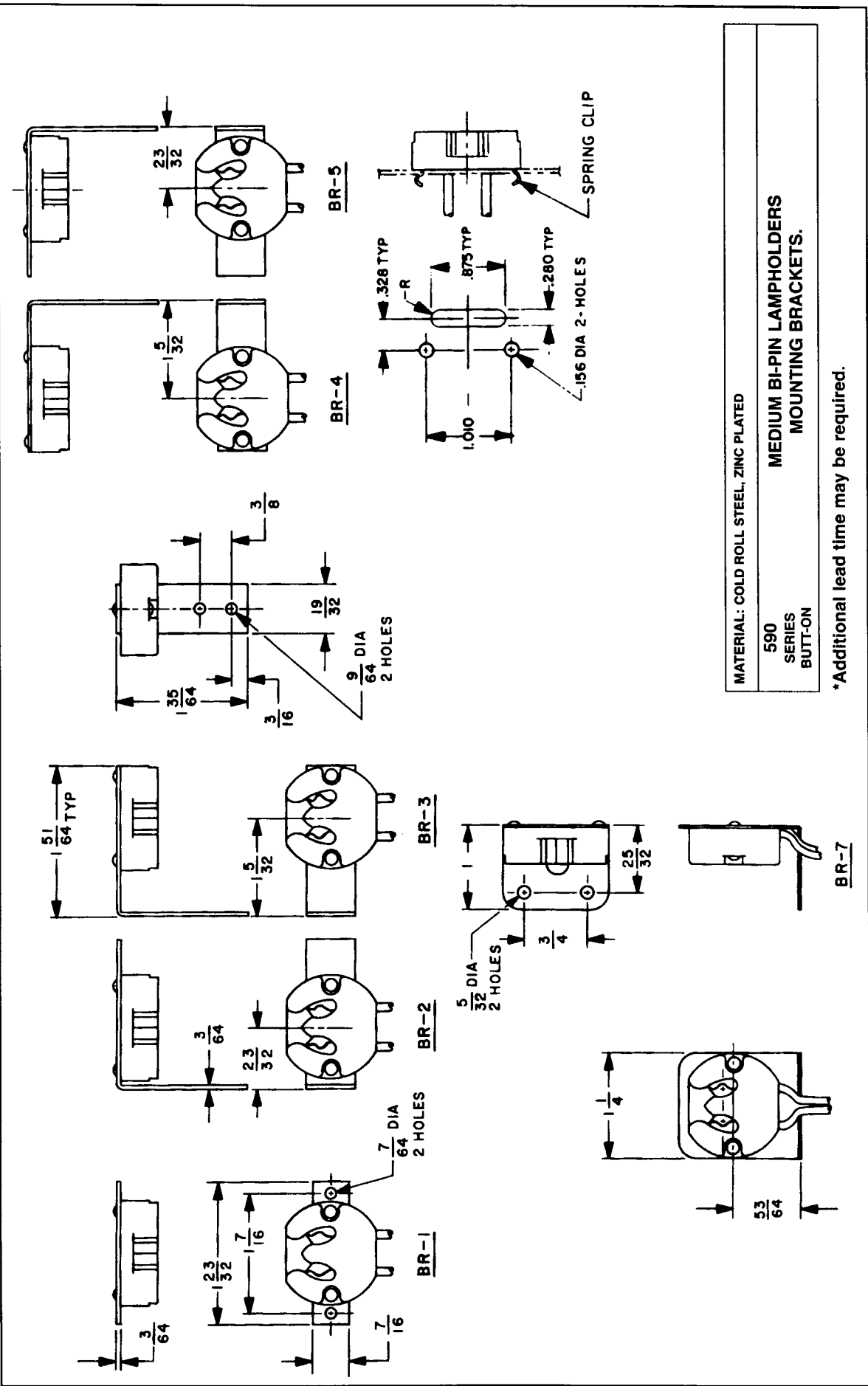


*Additional lead time may be required.

MATERIAL: COLD ROLL STEEL, ZINC PLATED (.032 thick except BR-5, BR-7, BR-8 & BR-32) UNLESS OTHERWISE NOTED.

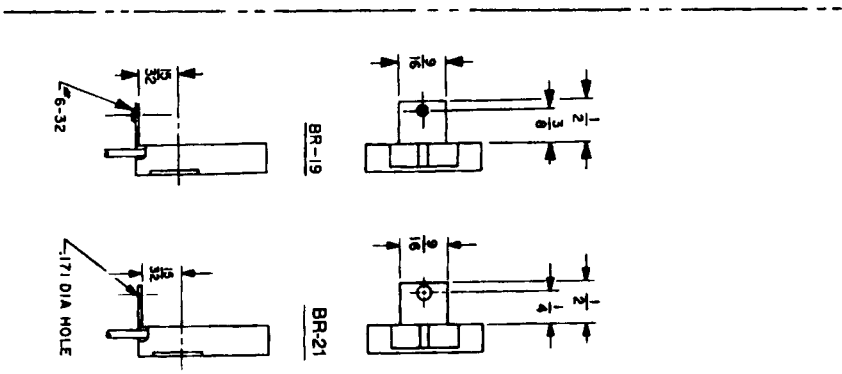
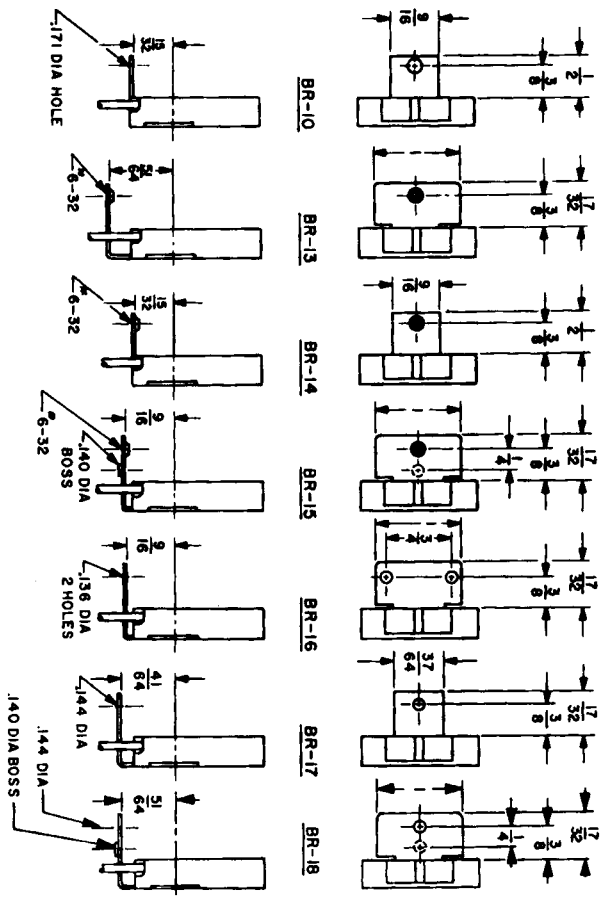
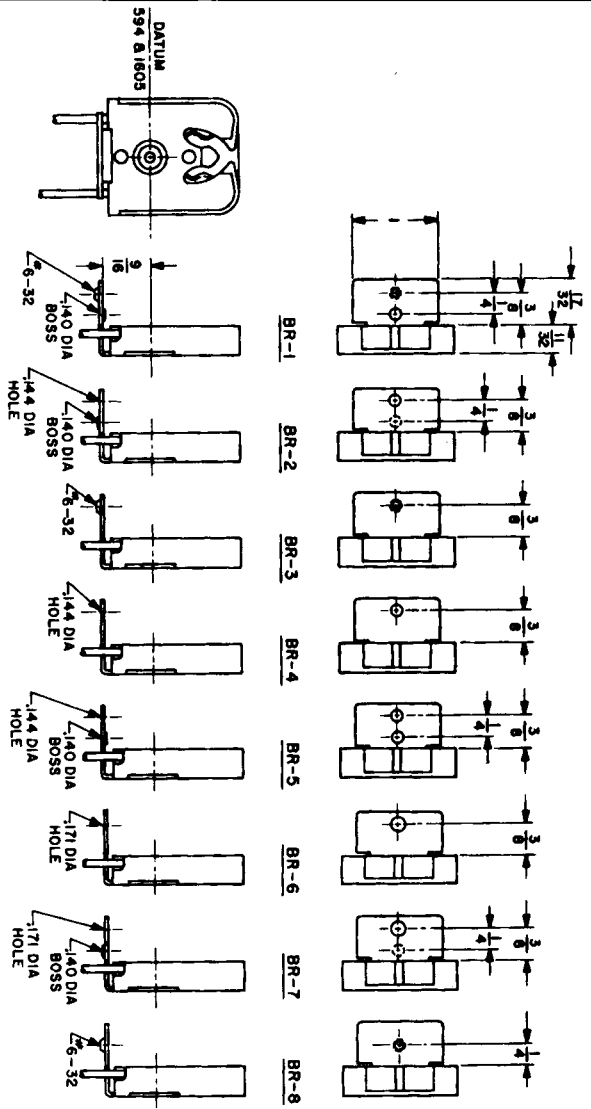
1670

MINIATURE BI-PIN LAMPHOLDER MOUNTING BRACKETS



For complete specifications contact VOLTARC TECHNOLOGIES, INC., Waterbury, CT 06705 Tel: (203)-578-4600 Fax: (203) 578-4605

For complete specifications contact VOLTARC TECHNOLOGIES, INC., Waterbury, CT 06705 Tel: (203)-578-4600 Fax: (203) 578-4605



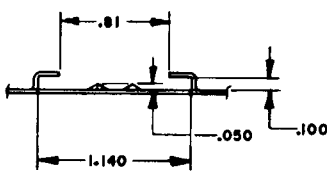
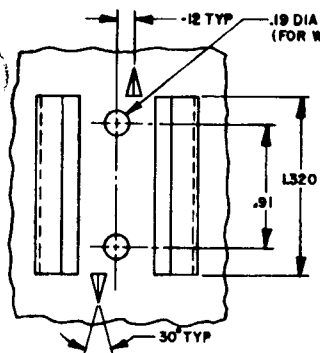
*Additional lead time may be required.

MATERIAL: COLD ROLL STEEL, ZINC PLATED

594 & 1605 SERIES THIN BUTT-ON MEDIUM BI-PIN LAMP HOLDERS MOUNTING BRACKETS

VERTICAL BASE MOUNTING

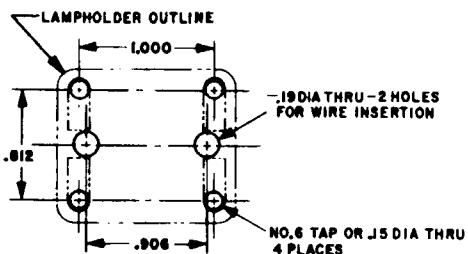
SLIDE-ON



SECTION Y-Y

SLIDE-ON BASE MOUNT
LAMP BASE 1-1/8" ABOVE PANEL

SCREW-ON

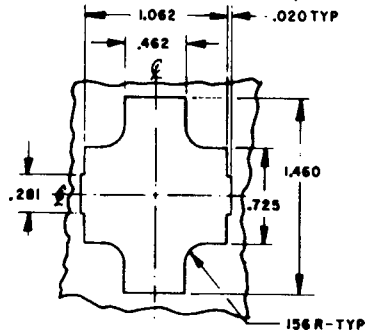


BASE MOUNT
4 HOLES OR 2
DIAGONALLY.
LAMP BASE 1-1/8"
ABOVE PANEL.

SUGGESTED MOUNTING PANEL PATTERN

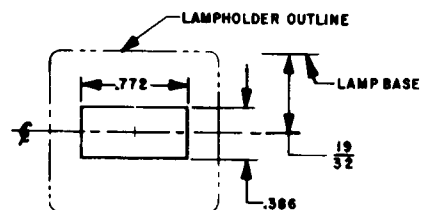
SNAP-IN MOUNTING

FLUSH MOUNT (BELOW PANEL)



LAMP BASE FLUSH WITH PANEL

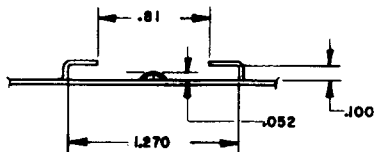
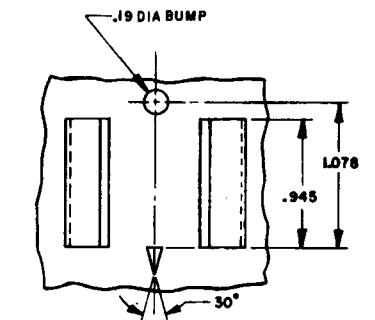
SIDE MOUNT - SNAP IN



SNAP-IN SIDE MOUNT
USING SF3 FLANGE

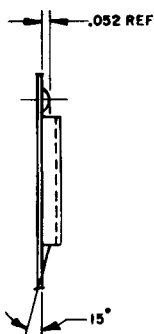
SIDE MOUNTING

SLIDE ON



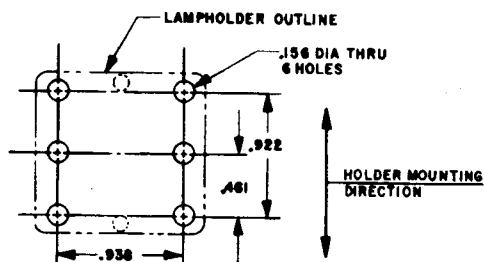
SECTION X-X

SLIDE-ON SIDE FLANGE MOUNTING
LAMP HOLDERS WITH SF2 FLANGE.



SECTION Z-Z
SLIDE-ON STOP

SCREW-ON



SIDE FLANGE SCREW MOUNT.

SUGGESTED MOUNTING PANEL PATTERN

KULKA® READY REFERENCE CHARTS

RECESSED DOUBLE CONTACT

CATALOG NO.	DESCRIPTION						PAGE	
TELESCOPIC/ STATIONARY	MOUNTING	RATINGS	TERMINATIONS	CONTACTS	PITCH & GASKET	HARDWARE AND OTHER INFORMATION	PAGE	
530.1K/530.2K	Snap-In	660 watts dual rated 600 volts or 1000 volts	9' Wires Leads #18 AWG Stranded	Vertical	Pitch & Gasket	For Standard .036"-.048" Mounting Panel	2	
530.18K/530.28K						For .125" Mounting Panel	2	
530.5K/530.6K				Horizontal	Pitch & Gasket	For Standard .036"-.048" Mounting Panel	2	
530.58K/530.68K						For .125" Mounting Panel	2	
540/541	Bracket or Butt-On	600 Volts 660 watts	9' Wires Leads #18 AWG Stranded	Horizontal or Vertical	Pitch & Gasket	#6-32 X 1/4" mounting screws supplied in bulk. See page 27 for bracket information.	3	
540.B/541.B	Butt-On						3	
540.X/541.X	Bracket or Butt-On						Pitch	3
582.GDF/583GDF	Snap-In	660 watts dual rated 600 volts or 1000 volts	9' Wires Leads #18 AWG Stranded	Horizontal or Vertical	Pitch & Gasket	Standard mounting clip included. Add: suffix 'A' to 582 series for self-aligning clip; suffix 'SS' to 583 series for stainless steel spring	4	
582.PDF/583PDF							Pitch	4
1547.1/1547.2	Screw-On	600 volts 660 watts	Wire Fast Terminals ¹	Vertical	Pitch & Gasket	With preassembled #8-32 Palnut. #8-32 X 1/2" screws supplied in bulk.	6	
1547.1S/1547.2S			Screw Terminals				6	
1547.1L/1547.2L			9' Wire Leads				6	
1547.1H/1547.2H			Wire Fast Terminals ¹	Horizontal			#8-32 X 1/2" screws and nuts supplied in bulk	6
1547.1SH/1547.2SH			Screw Terminals					6
1547.1LH/1547.2LH			9' Wire Leads					6
1548.1/1548.2	Screw-On	600 volts 660 watts	Wire Fast Terminals ¹	Horizontal	Pitch & Gasket	With preassembled #8-32 Palnut. Add suffix 'SMNP' for no Boss and no Palnut.	6	
1548.1S/1548.2S			Screw Terminals				6	
1548.1L/1548.2L			9' Wire Leads				6	
1640.1/1640.2	Slide-On	600 volts 660 watts	Wire Fast Terminals ¹	Horizontal	Pitch & Gasket	For 20 gauge panel ³	5	
1640.118/1640.218								For 18 gauge panel ³
582 B	Socket Sentry™ Lamp Base/Protective Shield						5	

SLIMLINE

CATALOG NO.	DESCRIPTION						PAGE	
TELESCOPIC/ STATIONARY	MOUNTING	RATINGS TELESCOPIC/ STATIONARY	TERMINATIONS	PITCH & GASKET	HARDWARE AND OTHER INFORMATION		PAGE	
532.1/532.2	Snap-In	1000/600 Volts 660 Watts	9' Lead Wires #18 AWG Stranded	Gasket & Pitch	Pitch & Gasket	Add Suffix '8' for .125" mounting panel	7	
532.3/532.4				Pitch			7	
572/573	Butt-On or Bracket	1000/600 Volts 660 Watts	9' Lead Wires #18 AWG Stranded	Pitch & Gasket	Cold Cathode	#6-32 X 1/4" screws supplied in bulk. See page 28 for bracket information.	7	
572.C/573.C								7
572.X/573.X							Pitch	7
585.PDF/584.PDF	Snap-In	1000/600 Volts 660 Watts	9' Lead Wires #18 AWG Stranded	Pitch	Pitch & Gasket	Add Suffix 'A' to 584 series for self-aligning clip. Suffix 'SS' to 585 series for stainless steel spring. For non- residential use.	8	
585.GDF/584.GDF				Gasket & Pitch			8	
								8


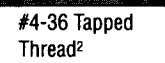



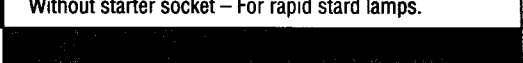

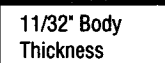
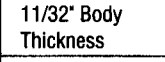
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KULKA® READY REFERENCE CHARTS (cont.)

SLIMLINE

CATALOG NO.	DESCRIPTION				PAGE
TELESCOPIC/ STATIONARY	MOUNTING	RATINGS TELESCOPIC/ STATIONARY	TERMINATIONS	HARDWARE AND OTHER INFORMATION	PAGE
1575/1576	Screw-On		Wire Fast Terminals ¹	#8-32 X 1/2" screws supplied in bulk.	8
1575.L/1576.L			9" Lead Wires		8
1575.P/1576.P			Wire Fast Terminals ¹	Preassembled #8-32 Palnut. #8-32 X 1/2" screws supplied in bulk.	8
1730.1/1730.2	Slide-On	1000/600 Volts 660 Watts	Wire Fast Terminals ¹	For 20 gauge panel ³	9
1730.118/1730.218				For 18 gauge panel ³	9
800		600 W 600 V	9" Lead Wires Slimline Socket		9

MEDIUM BI-PIN

CATALOG NO.	DESCRIPTION				PAGE			
	MOUNTING	RATINGS	TERMINATIONS	HARDWARE AND OTHER INFORMATION	PAGE			
542	Butt-On or Bracket	600 Volts, 660 Watts	9" Lead Wires #18 AWG Stranded		#6-32 X 1/4" mounting screws and nuts supplied in bulk. See page 27 for bracket information. Add suffix "X" for pitched leads.	10		
543						10		
590.B	Butt-On	600 Volts, 660 Watts	9" Lead Wires #18 AWG Stranded and Tinned		Use suffix "W" instead of "B" to specify white housing	#4-36 Tapped Thread ²	#4-36 X 3/8" screws supplied in bulk.	10
590.BCL						.140" Diameter Clearance Hole		10
590.BSC, .BS								10
590.BR	Bracket				See page 30 for bracket information.	10		
591.RT12/LT12	Bracket	600 Volts, 660 Watts	9" Lead Wires #18 AWG Stranded and Tinned	#6-32 Tapped Thread	Preassembled Bracket included. Add suffix "CLH" for .156" diameter clearance hole. For T-12 and T-lamps.	11		
591.RT8/LT8						11		
593.W	Dual Butt-On	600 Volts, 660 Watts	9" Lead Wires #18 AWG Stranded and Tinned		With starter socket – For preheat lamps.	17		
593.WRS						Without starter socket – For rapid start lamps.	17	
594	Butt-On	600 Volts, 660 Watts	9" Lead Wires #18 AWG Stranded and Tinned			11		
594.T						#8-32 Tapped Thread		11
594.BR	Bracket				See page 30 for bracket information.	11		
1550	Slide-On Tombstone	600 Volts, 660 Watts	Wire Fast Terminals ¹		#6-32 X 1/2" screws available. Additional product variations: *SCD* Spring Clip Disconnect *SCT* Spring Clip 3/8" Thick *SCDT* Spring Clip, Disconnect 3/8" Thick *PD* Palnut Disconnect *PT* Palnut, 3/8" Thick *PDT* Palnut, 3/8" Thick, Disconnect *DT* Disconnect, 3/8" Thick	12		
1550.P						Preassembled #6-32 Palnut	12	
1550.D						Circuit Interrupting Disconnect	18	
1550.T						3/8" Body Thickness	12	
1550.SC						Preassembled Spring Clip	Add: Suffix "18" for 18 gauge panels Suffix "20" for 20 gauge panels	12
1551.P	Screw-On Tombstone	600 Volts, 660 Watts	Wire Fast Terminals ¹		Preassembled #6-32 Palnut. #6-32 X 1/2" screws available. Additional Product Variations: *PDT* 3/8" Thick, Disconnect	12		
1551.PD						Circuit Interrupting Disconnect	18	
1551.PT						3/8" Body Thickness	12	

(continued)

KULKA® READY REFERENCE CHARTS

MEDIUM BI-PIN (cont.)

CATALOG NO.	DESCRIPTION				PAGE	
	MOUNTING	RATINGS	TERMINATIONS	HARDWARE AND OTHER INFORMATION		
1600.PD	Slide-On Tombstone	660 Watts	Wire Fast Terminals ¹	Preassembled #6-32 Palnut	#6-32 X 1/2 screws available Additional product variations: *PD* Palnut Disconnect *PT* Palnut 3/8" Thick *DT* Disconnect 3/8" Thick	18
1600.D				Circuit Interrupting Disconnect		18
1600.DT				#3/8" Body Thickness		18
1605	Butt-On Bracket	600 Volts, 600 Watts	Wire Fast Terminals ¹	Wire insertion from side or bottom	Add: Suffix "T" for #8-32 Tapped Thread	13
1605.BR						See page 32 for Bracket Information
1615	Slide-On or Screw Mount	600 Volts, 600 Watts	Wire Fast Terminals ¹		#4-36 X 3/8" screws available. For "U" lamp application. Add Suffix "18" for 18 gauge panels ³ Suffix "20" for 20 gauge panels ³	15
1615.P				Preassembled #4-36 Palnut		15
1617	Slide-On or Screw Mount	600 Volts, 600 Watts	Wire Fast Terminals ¹		#4-36 X 3/8" screws available. Add Suffix "18" for 18 gauge panels ³ Suffix "20" for 20 gauge panels ³	15
1617.P				Preassembled #4-36 Palnut		15
1617.T				#3/8" Body Thickness		15
1710	Slide-On or Screw Mount	600 Volts, 600 Watts	Wire Fast Terminals ¹	#11/32" Body Thickness	#6-32 X 1/2" screws available. Additional product variations: Suffix "PT" Palnut, 3/8" Thick	16
1710.T				#3/8" Body Thickness		16
1710.P				Preassembled #6-32 Palnut		Add: Suffix "18" for 18 gauge panels ³ Suffix "20" for 20 gauge panels
1711.PS	Screw Mount	600 Volts, 600 Watts	Wire Fast Terminals ¹	Palnut with Screw in bulk	#6-32 X 1/2" screws available. Additional variations: Suffix "PT" Palnut, 3/8" Thick Suffix "PS" for Palnut w/Screw in bulk	17
1711.P				Preassembled #6-32 Palnut		17
1711.PT				#3/8" Body Thickness with Palnut		17

(continued)

MEDIUM BI-PIN (cont.)

CATALOG NO.	DESCRIPTION				PAGE	
	MOUNTING	RATINGS	TERMINATIONS	HARDWARE AND OTHER INFORMATION		
1717.C	Slide-On or Screw Mount	600 Volts 660 Watts	Wire Fast Terminals ¹	Top slot: 20g Bottom slot: 18 ga Preassembled #4-36 Palnut	#4-36 x 3/8" screws available. For "U" lamp application Add: Suffix "18" for 18 gauge panels ³ Suffix "20" for 20 gauge panels ³ .	16
1717.CP				16		
1717.CPS	Slide-On or Screw Mount	600 Volts 660 Watts	Wire Fast Terminals ¹	Palnut with Screw in Bulk	#4-36 x 3/8" screws available. Add: Suffix "18" for 18 gauge panels ³ Suffix "20" for 20 gauge panels ³	16
1717.CT				3/8" Body Thickness		16
1717.PT				3/8" Body Thickness with Palnut		16
1800.C	Slide-On	600 Volts 660 Watts	Wire Fast Terminals ¹	Top slot: 20g Bottom slot: 18 ga Preassembled #6-32 Palnut	#6-32 x 1/2" screws available. Additional products available: Add: Suffix "18" for 18 gauge panels ³ Suffix "20" for 20 gauge panels ³	14
1800.CP				3/8" Body Thickness		14
1800.CT						14
1800.CPS						Palnut with Screw in Bulk
1800.CSC				Spring Clip		
1800.CJT8	Slide-On or Screw Mount	600 Volts 660 Watts	Wire Fast Terminals ¹	Wire Jumper T8 Boss	For T8 Applications Only	14
1801.P	Screw-On	600 Volts 660 Watts	Wire Fast Terminals ¹	Preassembled #6-32 Palnut	#6-32 x 1/2" mounting screws available.	13

MINIATURE BI-PIN

CATALOG NO.	DESCRIPTION				PAGE
	MOUNTING	RATINGS	TERMINATIONS	HARDWARE AND OTHER INFORMATION	
1670	Butt-on	250 Volts 75 Watts	Wire Fast Terminals ¹	.125" Diameter Clearance Hole. See page 28 for Bracket information.	19
1670.BR	Bracket				19

HIGH DENSITY DISCHARGE

CATALOG NO.	DESCRIPTION				PAGE
	MOUNTING	RATINGS	TERMINATIONS	HARDWARE AND OTHER INFORMATION	
5110	Screw-on	1000 Volts 660 Watts	9" Lead Wires #16 AWG Stranded	No Home Use Low Pressure Sodium Lampholder	19

SINGLE ENDED

CATALOG NO.	DESCRIPTION				PAGE
	MOUNTING	RATINGS	TERMINATIONS	HARDWARE AND OTHER INFORMATION	
5421.PL-7-9	Screw-On	600 Volts 75 Watts	Wire Fast Terminals ¹	Vertical Mount for 5, 7 and 9 Watt PL Lamps. G23 base	20
5421.PL 13				Vertical Mount for 13 Watt PL Lamps. GX23 base	20
5422.PL 7-9	Screw-On or Slide-On or Below Panel Snap-In	600 Volts 75 Watts	Wire Fast Terminals ¹	Vertical Mount for 5, 7 and 9 Watt PL Lamps. G23 base	21
5422.PL 13				Vertical Mount for 13 Watt PL Lamps. GX23 base	21
5422.PL 7-9 SF2	Screw-On or Slide-On	600 Volts 75 Watts	Wire Fast Terminals ¹	Horizontal and Vertical Mount for 5, 7 and 9 Watt PL Lamps. G23 base	21
5422.PL 13 SF2				Horizontal and Vertical Mount for 13 Watt PL Lamps. GX23 base	21
5422.PL 7-9 SF3	Side Snap-In or Below Panel Snap-In	600 Volts 75 Watts	Wire Fast Terminals ¹	Horizontal and Vertical Mount for 5, 7 and 9 Watt PL Lamps. G23 base	21
5422.PL 13 SF3				Horizontal and Vertical Mount for 13 Watt PL Lamps. GX23 base	21

KULKA™ READY REFERENCE CHARTS

STARTER SOCKETS

CATALOG NO.	DESCRIPTION				PAGE	
	MOUNTING	RATINGS	TERMINATIONS	HARDWARE AND OTHER INFORMATION		
596.B	Butt-on	250 Volts 660 Watts	9" Lead Wires #18 AWG Stranded and Tinned	Black Housing Standard.	#6-32 Tapped Thread. #6-32 X 1/4" Screws Supplied in Bulk	22
596.BCL					.156" Diameter Clearance Hole	22
597.B	Butt-on	250 Volts 660 Watts	9" Lead Wires #18 AWG Stranded and Tinned		#4-36 Tapped Thread. #4-36 X 3/8" Screws Supplied in Bulk	22
597.BCL					.125" Diameter Clearance Hole	22
597.BMCL					.125" Diameter Hole. With 7/16" Housing Thickness	22
597.BR	Bracket				.See page 28 for Bracket Information	22
Custom Fluorescent Harness Assemblies					23	

CONVENIENCE OUTLETS

CATALOG NO.	DESCRIPTION				PAGE	
	MOUNTING	RATINGS	TERMINATIONS	HARDWARE AND OTHER INFORMATION		
227.B	Snap-In	125 Volts 15 Amps	6" Lead Wires	Black	Add: Suffix "8" for .125" Thick Panel. #8 ring Lug Available on Ground Wire.	24
227.W				White		
325	Snap-In	125 Volts 15 Amps	6" Lead Wires	Premolded Spring Clip. Polarized Slots	24	
325.ST			Solder Terminals		24	

MISCELLANEOUS

CATALOG NO.	DESCRIPTION				PAGE		
	MOUNTING	RATINGS	TERMINATIONS	HARDWARE AND OTHER INFORMATION			
130.A HT	Screw-on	600 Volts 600 Watts	2 Screw Terminals	Incandescent Medium Screw Shell Maritime Socket	4 Mounting Holes 90° Apart 3 Mounting Holes 120° Apart	High Temperature (180°C) Glass Reinforced Phenolic, Color Blk.	22
130.B HT			4 Screw Terminals				22
130.C HT			2 Screw Terminals				22
130.D HT			4 Screw Terminals				22

SCREWS	PART NO.
4/36 x 3/8"	8043.612.002
6/32 x 1/4"	8063.208.001
6/32 x 1/2"	8063.216.001
8/32 x 1/2"	8083.216.001

FOOTNOTES:

- Wire fast terminals require the use of #18 AWG stranded (twisted and solder dipped or fused) or #18 solid copper wire. Strip length 3/8".
- #4-40 tapped thread available on request.
- Standard mounting slot dimensions: 18 gauge — .052" – .057" 20 gauge — .040" – .045"

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PerkinElmer Optoelectronics, Inc.
400 Captain Neville Drive
Waterbury, CT 06705-3811
TEL. (203) 578-4600
FAX. (203) 578-4605



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