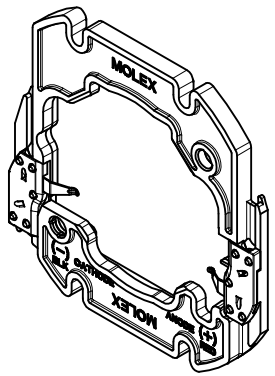
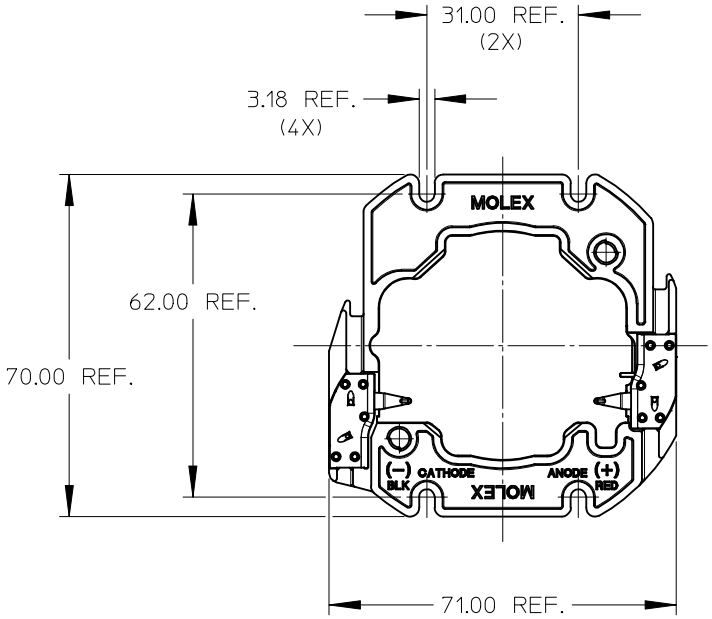
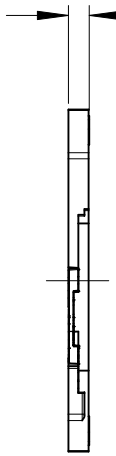
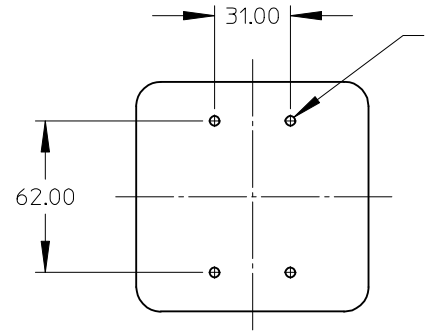
| PART NUMBER | DESCRIPTION | SEE SHEET | STATUS |
|---|---|---|---|
| 180180-0000 | HOLDER WITHOUT LENS | 3 | TOOLED |
| 180180-0001 | HOLDER WITH LENS | 3 | NOT TOOLED |
| 180182-0000 | COVER LENS ONLY | 3 | NOT TOOLED |
| N/A | REFLECTOR OPTION (LEDIL) | 4 | AVAILABLE THRU LEDIL |




NOTES:
1) MATERIALS:
   a. CAPS: NATURAL COLOR PA66 NYLON 25% GF UL94V-0
   b. HOUSING: NATURAL COLOR PA66 NYLON 25% GF UL94V-0
   c: COVER LENS: CLEAR POLYCARBONATE UL 94HB
2) WIRE TRAP TERMINALS: COPPER ALLOY
   a. FINISH: SILVER OVER NICKEL
3) THIS PRODUCT IS ELV AND ROHS COMPLIANT
4) APPLICABLE WIRE GAUGE - 18 OR 20 AWG
   a. SOLID WIRE IS RECOMMENDED
   b. IF STRANDED WIRE IS USED, PRE-TINNED IS RECOMMENDED
   c. 1 cm STRIP LENGTH IS RECOMMENDED
5) MOUNT HOLDER USING M3 OR 4-40 SCREWS (4), 0.8 NEWTON METERS MAX TORQUE
6) CONTACT AREA OF TERMINAL HAS AN ENVIRONMENTAL BARRIER/LUBRICANT FOR CORROSION RESISTANCE
7) UL:OLFB2 UL496 FILE: E345583.




RECOMMENDED MOUNTING DIMENSIONS (NTS)

ENTER DESCRIPTION
EC NO: SSL2016-0054
DRWN:LZABJANOVSKI 2016/03/29
CH'KD:
APPR:GMEYER 2016/04/11
DESCRIPTION
C2
REV

QUALITY SYMBOLS
FA=0
FC=0
FP=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | mm | INCH |
|---|---|---|
| 4 PLACES | ± --- | ± --- |
| 3 PLACES | ± --- | ± --- |
| 2 PLACES | ± 0.13 | ± --- |
| 1 PLACE | ± 0.25 | ± --- |
| ANGULAR ±1/2° | | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 1:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

| | | DATE |
|---|---|---|
| DRAWN BY | CCARRANZA | 2010/10/26 |
| CHECKED BY | CCARRANZA | 2012/11/06 |
| APPROVED BY | DMCGOWAN | 2010/12/23 |

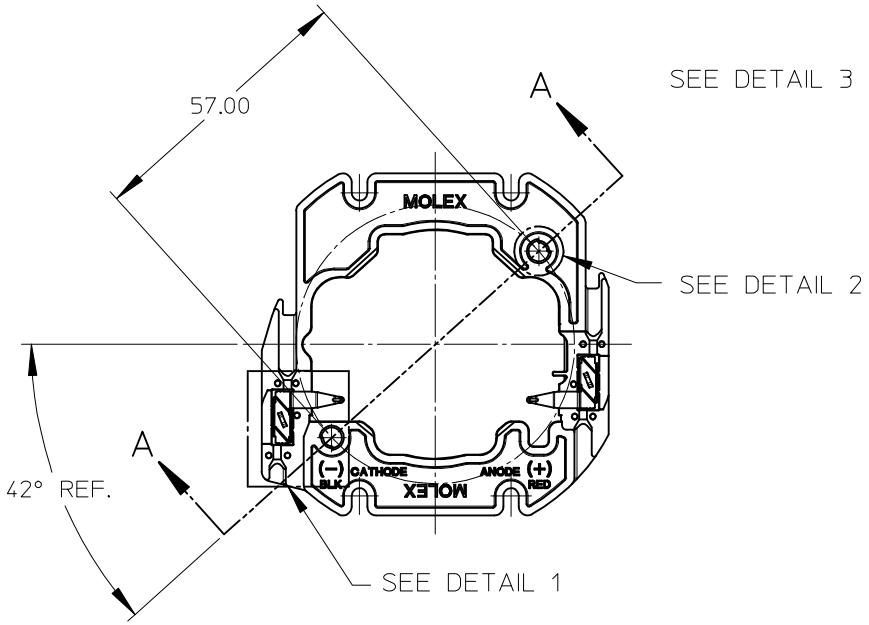
TITLE: BRIDGELUX RS LED HOLDER

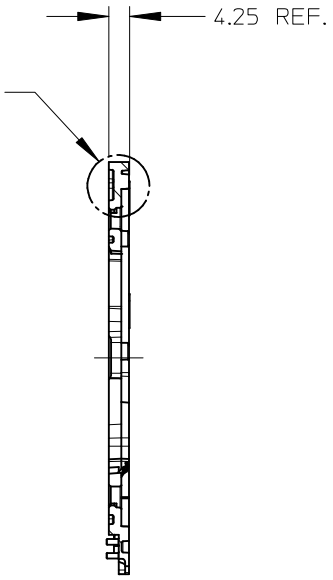
MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-180180-000
SHEET NO.: 1 OF 4
SIZE: B

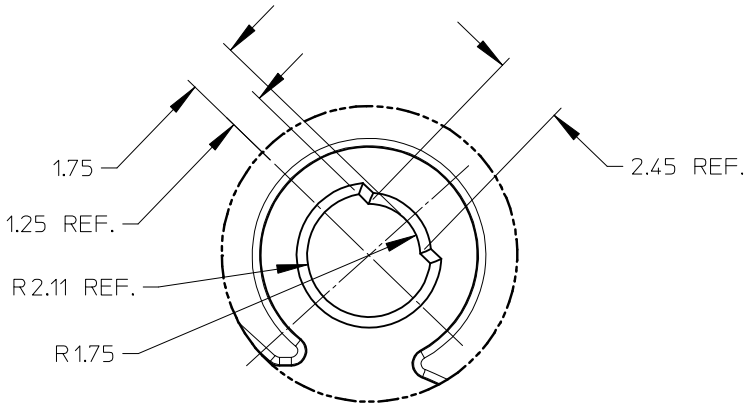
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

WIRE TRAP CAPS ARE REMOVED FROM FRONT VIEW FOR CLARITY

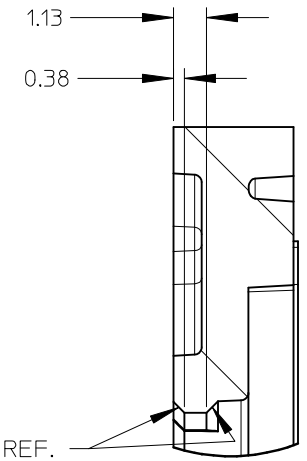


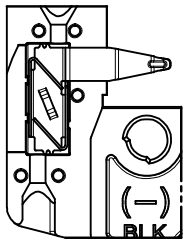

SECTION A-A
SCALE 1:1




DETAIL 2 SCALE 6:1




DETAIL 3 SCALE 6:1




VIEW OF TWO-WAY WIRE TRAP

WIRE TRAPS WILL ACCOMODATE
EITHER 18 OR 20 GAUGE WIRE

DETAIL 1 SCALE 2:1

ENTER DESCRIPTION
EC NO: SSL2016-0054
DRWN:LZABJANOVSKI 2016/03/29
CH'KD:
APPR:GMEYER 2016/04/11
DESCRIPTION
REV
C2

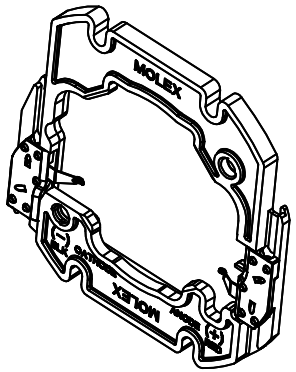
QUALITY SYMBOLS
$\sqrt{F_A}$=0
$\sqrt{F_C}$=0
$\sqrt{F_P}$=0

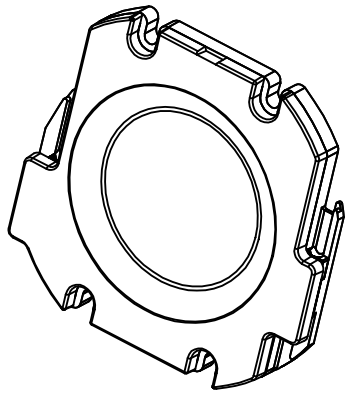
| GENERAL TOLERANCES (UNLESS SPECIFIED) | mm | INCH |
|---|---|---|
| 4 PLACES | ± --- | ± --- |
| 3 PLACES | ± --- | ± --- |
| 2 PLACES | ± 0.13 | ± --- |
| 1 PLACE | ± 0.25 | ± --- |
| ANGULAR ±1/2° | | |

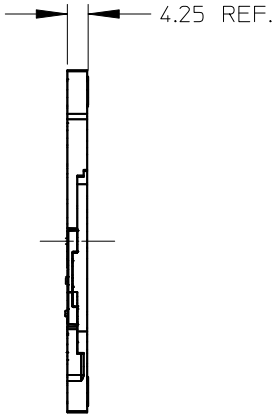
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

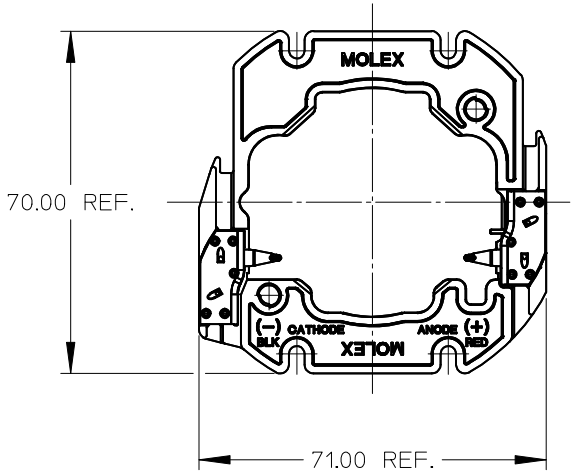
| | |
|---|---|
| DIMENSION STYLE | MM ONLY |
| SCALE | 2:1 |
| DESIGN UNITS | METRIC |
| | THIRD ANGLE PROJECTION |
| DRAWN BY | CCARRANZA |
| DATE | 2010/10/26 |
| CHECKED BY | CCARRANZA |
| DATE | 2012/11/06 |
| APPROVED BY | DMCGOWAN |
| DATE | 2010/12/23 |
| MATERIAL NO. | SEE CHART |
| TITLE | BRIDGELUX RS LED HOLDER |
| | MOLEX INCORPORATED |
| DOCUMENT NO. | SD-180180-000 |
| SHEET NO. | 2 OF 4 |
| SIZE | B |

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

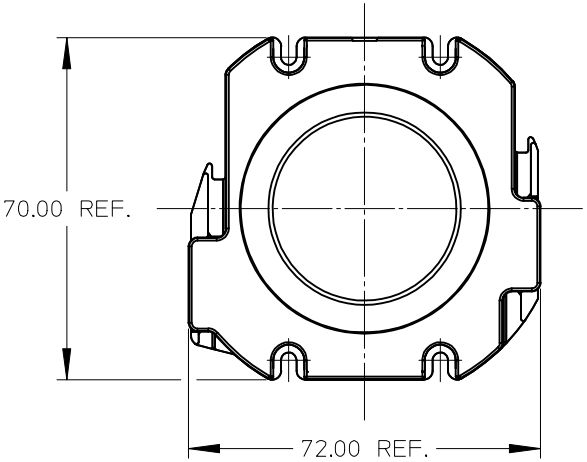


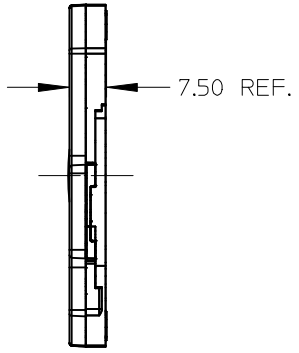






LED HOLDER PART NUMBER 180180-0000




LED HOLDER SHOWN WITH OPTIONAL CLEAR COVER LENS
MOLEX INDIVIDUAL COVER LENS PART NUMBER 180182-0000
HOLDER AND LENS ASSEMBLY PART NUMBER 180180-0001

ENTER DESCRIPTION
EC NO: SSL2016-0054
DRWN:LZABJANOVSKI 2016/03/29
CH'KD:
APPR:GMEYER 2016/04/11
DESCRIPTION
REV
C2

QUALITY SYMBOLS
=0
=0
=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | mm | INCH |
|---|---|---|
| 4 PLACES | ± --- | ± --- |
| 3 PLACES | ± --- | ± --- |
| 2 PLACES | ± 0.13 | ± --- |
| 1 PLACE | ± 0.25 | ± --- |
| ANGULAR ±1/2° | | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 1:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

| | | DATE |
|---|---|---|
| DRAWN BY | CCARRANZA | 2010/10/26 |
| CHECKED BY | CCARRANZA | 2012/11/06 |
| APPROVED BY | DMCGOWAN | 2010/12/23 |

TITLE: BRIDGELUX RS LED HOLDER

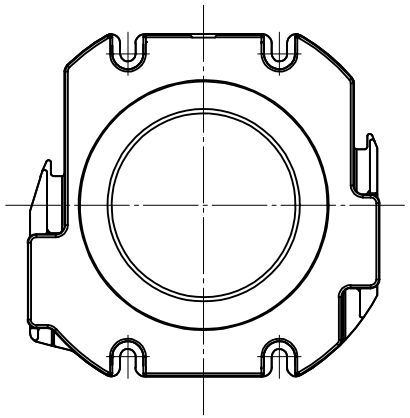
MOLEX INCORPORATED

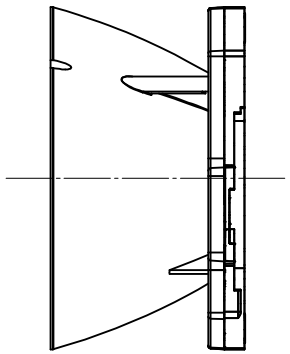
MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-180180-000
SHEET NO.: 3 OF 4
SIZE: B

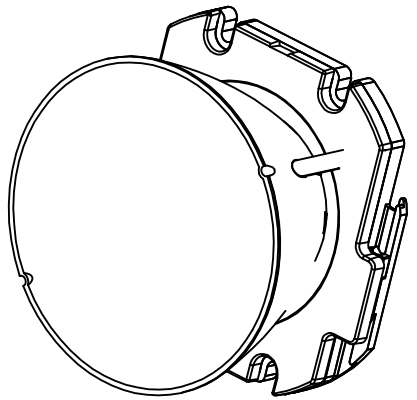
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

SHOWN WITH OPTIONAL REFLECTOR

SOLD SEPARATELY BY LEDIL @ www.ledil.com

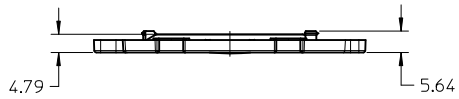


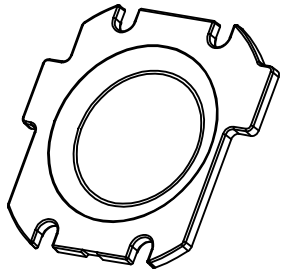


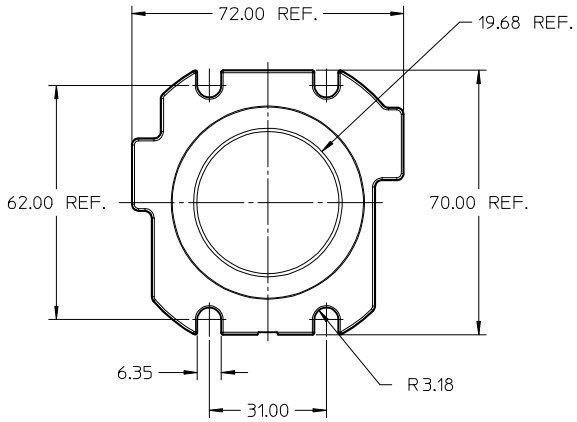


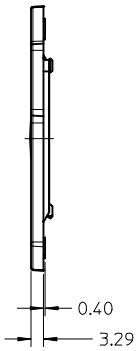
| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| ENTER DESCRIPTION<br>EC NO: SSL2016-0054<br>DRWN:LZABJANOVSKI 2016/03/29<br>CH'KD:<br>APPR:GMEYER 2016/04/11<br>C2 | QUALITY SYMBOLS<br>E/A=0<br>E/C=0<br>E/P=0 | GENERAL TOLERANCES (UNLESS SPECIFIED)<br>4 PLACES ± --- / ± ---<br>3 PLACES ± --- / ± ---<br>2 PLACES ± 0.13 / ± ---<br>1 PLACE ± 0.25 / ± ---<br>ANGULAR ±1/2°<br>DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | DIMENSION STYLE: MM ONLY<br>DRAWN BY: CCARRANZA DATE: 2010/10/26<br>CHECKED BY: CCARRANZA DATE: 2012/11/06<br>APPROVED BY: DMCGOWAN DATE: 2010/12/23<br>MATERIAL NO.: SEE CHART | SCALE: 1:1<br>DESIGN UNITS: METRIC<br>THIRD ANGLE PROJECTION<br>TITLE: BRIDGELUX RS LED HOLDER<br>MOLEX INCORPORATED<br>DOCUMENT NO.: SD-180180-000<br>SHEET NO.: 4 OF 4 | | | |

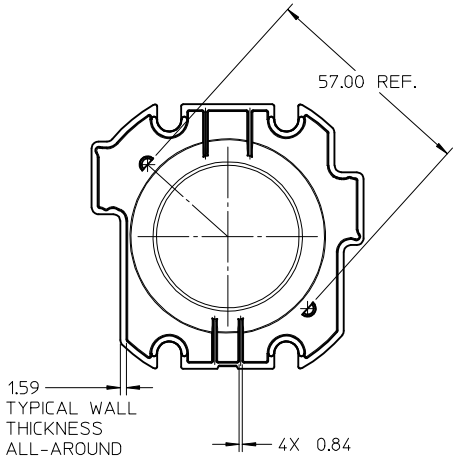
SIZE B
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION






NOTES:
1. MATERIAL: CLEAR POLYCARBONATE UL94HB.
2. THIS PRODUCT IS ELV AND ROHS COMPLIANT.

| | | | |
|---|---|---|---|
| INITIAL RELEASE | 2012/07/24 | | |
| EC NO: SSL2013-0009 | 2012/07/24 | | |
| DRWN:MDEVITO | 2012/07/25 | | |
| CHKD:CCARRANZA | | | |
| APPR:DMCGOWAN | | | |
| 1 | REV | DESCRIPTION | |

QUALITY SYMBOLS

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | mm | INCH |
|---|---|---|
| 4 PLACES | ± --- | ± --- |
| 3 PLACES | ± --- | ± --- |
| 2 PLACES | ± 0.13 | ± --- |
| 1 PLACE | ± 0.25 | ± --- |
| 0 PLACE | ± --- | ± --- |

ANGULAR ±1/2°

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

| | |
|---|---|
| DIMENSION STYLE | MM ONLY |
| SCALE | 1:1 |
| DESIGN UNITS | METRIC |
| | THIRD ANGLE PROJECTION |
| DRAWN BY | MDEVITO |
| DATE | 2012/07/24 |
| CHECKED BY | CCARRANZA |
| DATE | 2012/07/24 |
| APPROVED BY | DMCGOWAN |
| DATE | 2012/07/25 |
| MATERIAL NO. | 1801820000 |
| TITLE | BRIDGELUX RS LED HOLDER LENS (SALES) |
| DOCUMENT NO. | SD-180182-0000 |
| SHEET NO. | 1 OF 1 |
| SIZE | C |

molex

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION