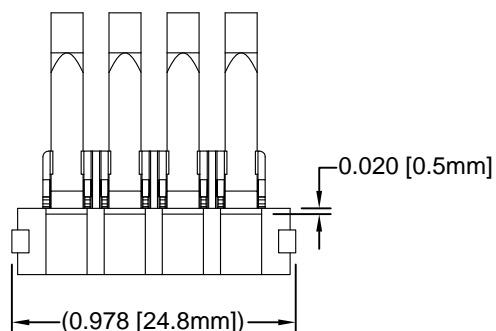
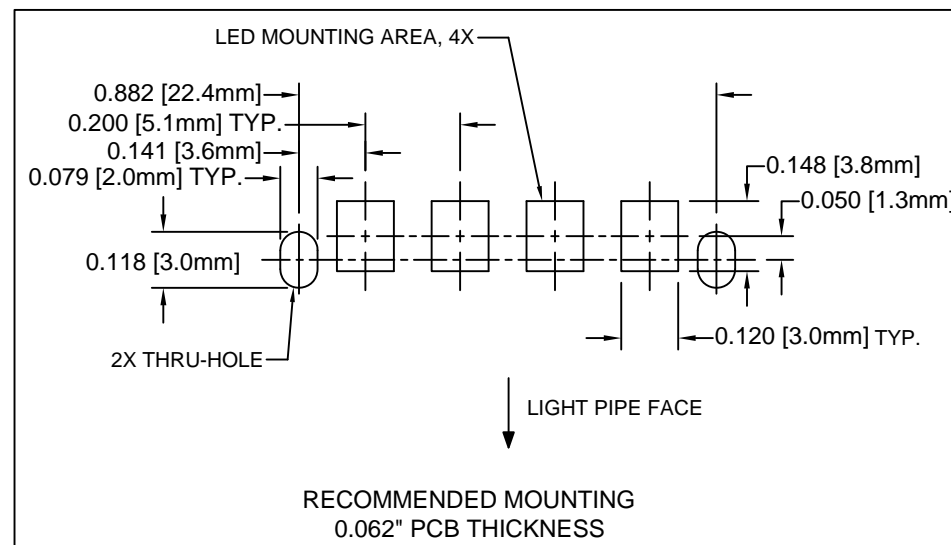
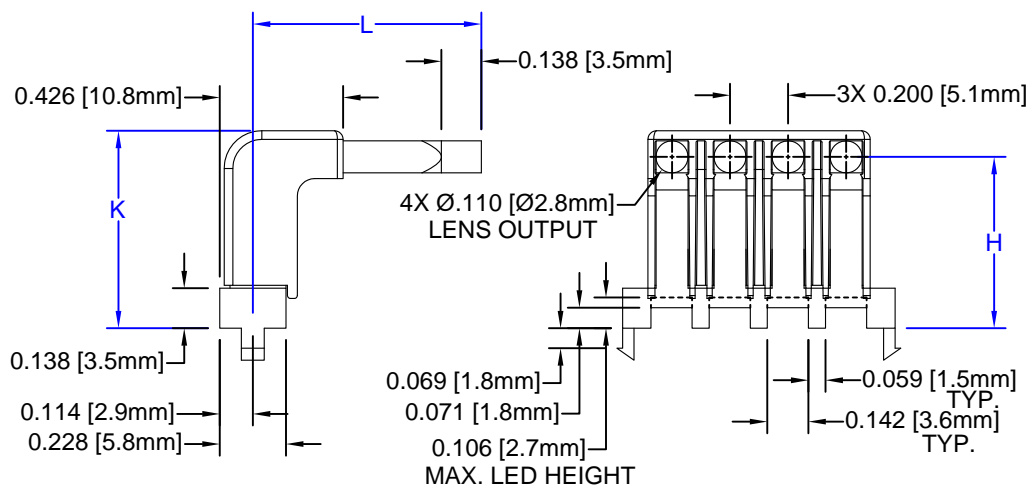
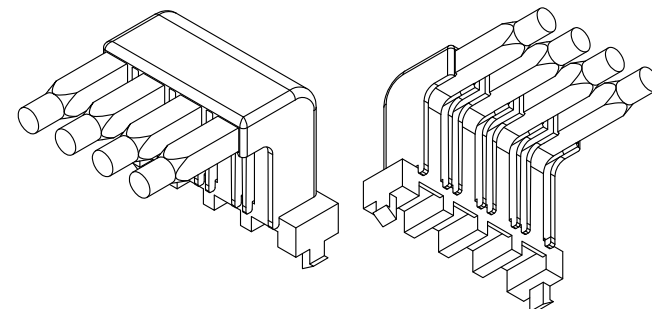
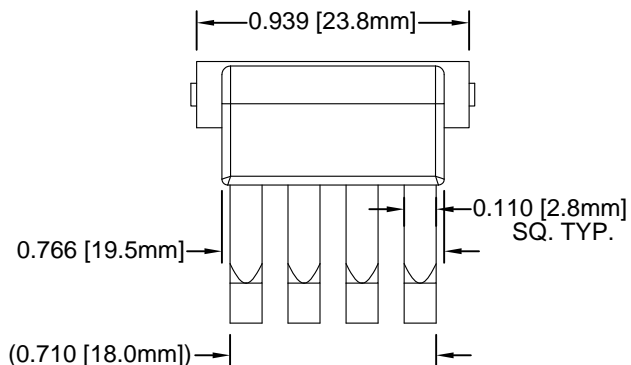


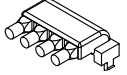
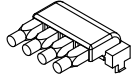
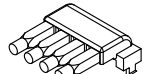
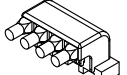
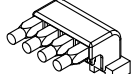
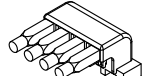
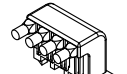
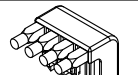
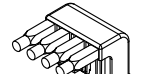
| ITEM | QTY | PART NUMBER  | PART DESCRIPTION                                                                 |
|------|-----|--------------|----------------------------------------------------------------------------------|
| 1    | 1   | LPRX-XXX-XXX | Surface Mount Right Angle Light Pipe, 2.8mm, 4 Station.<br>See Table on 2nd Page |
| 2    | 1   | RLPHX-XXX    | LPR Housing, 4 Station, White. See Table on 2nd Page                             |



| REV. | DESCRIPTION                         | DATE     | APPROVED |
|------|-------------------------------------|----------|----------|
| A    | Engineering Release                 | 11/06/09 | T. Y.    |
| B    | Added Overall Height "K" Dim        | 03/04/11 | T. Y.    |
| C    | Added Overall Snap Height Dimension | 08/15/12 | T. Y.    |
| D    | Added Color Options, Sheet #3       | 02/02/16 | J. C.    |



| STANDARD TOLERANCE<br>(UNLESS OTHERWISE SPECIFIED) |                          | BIVAR®                                                    |  |
|----------------------------------------------------|--------------------------|-----------------------------------------------------------|--|
| DECIMALS                                           | ANGULAR                  | 4 THOMAS, IRVINE, CA. 92618                               |  |
| .X ± .1                                            | X° ± 1°                  | TEL: (949) 951-8808 FAX: (949) 951-3974                   |  |
| .XX ± .01                                          |                          | <b>TITLE:</b> RIGHT ANGLE LIGHT PIPE,<br>2.8MM, 4 STATION |  |
| .XXX ± .010                                        |                          | <b>PART NO:</b> RLP4-XXX-XXX                              |  |
| DESIGNED:<br><b>Raffy Paje</b>                     | DATE:<br><b>11/06/09</b> | REVISION:<br><b>D</b>                                     |  |
| CHECKED:<br><b>T. Yin</b>                          | DATE:<br><b>11/06/09</b> | <b>CAGE CODE :</b> 32559 <b>SHEET #</b> 1 OF 3            |  |
| CAD GENERATED DOCUMENT. DO NOT MEASURE DRAWING.    |                          |                                                           |  |

| REV. | DESCRIPTION  | DATE | APPROVED |
|------|--------------|------|----------|
|      | SEE SHEET #1 |      |          |
|      |              |      |          |
|      |              |      |          |
|      |              |      |          |

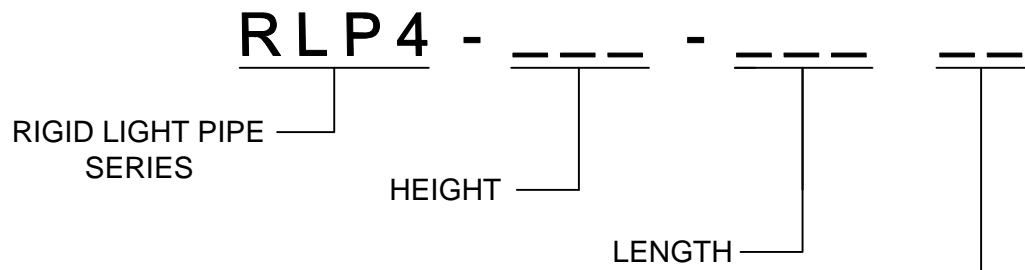
| RLP4-XXX-XXX |                |                |                |              |           |                                                                                       |
|--------------|----------------|----------------|----------------|--------------|-----------|---------------------------------------------------------------------------------------|
| ASSY P/N     | H              | L              | K              | LPR4-XXX-XXX | RLPH4-XXX | FIGURE                                                                                |
| RLP4-200-500 | 0.197 [5.0mm]  | 0.551 [14.0mm] | 0.287 [7.3mm]  | LPR4-200-500 | RLPH4-200 |    |
| RLP4-200-650 |                | 0.669 [17.0mm] |                | LPR4-200-650 | RLPH4-200 |    |
| RLP4-200-800 |                | 0.787 [20.0mm] |                | LPR4-200-800 | RLPH4-200 |    |
| RLP4-400-500 | 0.394 [10.0mm] | 0.551 [14.0mm] | 0.484 [12.3mm] | LPR4-400-500 | RLPH4-400 |    |
| RLP4-400-650 |                | 0.669 [17.0mm] |                | LPR4-400-650 | RLPH4-400 |    |
| RLP4-400-800 |                | 0.787 [20.0mm] |                | LPR4-400-800 | RPH4-400  |    |
| RLP4-600-500 | 0.591 [15.0mm] | 0.551 [14.0mm] | 0.681 [17.3mm] | LPR4-600-500 | RLPH4-600 |   |
| RLP4-600-650 |                | 0.669 [17.0mm] |                | LPR4-600-650 | RLPH4-600 |  |
| RLP4-600-800 |                | 0.787 [20.0mm] |                | LPR4-600-800 | RLPH4-600 |  |

|                                                      |                          |                                                                                                                                                                                              |  |
|------------------------------------------------------|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| STANDARD TOLERANCE<br>( UNLESS OTHERWISE SPECIFIED ) |                          | <br><b>BIVAR</b> <sup>®</sup><br>4 THOMAS, IRVINE, CA. 92618<br>TEL: (949) 951-8808 FAX: (949) 951-3974 |  |
| DECIMALS                                             | ANGULAR                  |                                                                                                                                                                                              |  |
| .X ± .1                                              | X° ± 1°                  |  <b>TITLE:</b> RIGHT ANGLE LIGHT PIPE,<br>2.8MM, 4 STATION                                              |  |
| .XX ± .01                                            |                          |                                                                                                                                                                                              |  |
| .XXX ± .010                                          |                          | <b>PART NO:</b> RLP4-XXX-XXX                                                                                                                                                                 |  |
| DESIGNED:<br><b>Raffy Paje</b>                       | DATE:<br><b>11/06/09</b> | REVISION:<br><b>D</b>                                                                                                                                                                        |  |
| CHECKED:<br><b>T. Yin</b>                            | DATE:<br><b>11/06/09</b> | <b>CAGE CODE : 32559</b>                                                                                                                                                                     |  |
|                                                      |                          | <b>SHEET # 2 OF 3</b><br>CAD GENERATED DOCUMENT. DO NOT MEASURE DRAWING.                                                                                                                     |  |

**OTHER AVAILABLE COLORS**

\* SEE TABLE FOR ORDERING INFORMATION


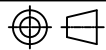
| REV. | DESCRIPTION  | DATE | APPROVED |
|------|--------------|------|----------|
|      | SEE SHEET #1 |      |          |
|      |              |      |          |
|      |              |      |          |
|      |              |      |          |



| COLOR  | Order Code |
|--------|------------|
| BLUE   | BE         |
| BLACK  | BK         |
| GREEN  | GN         |
| GRAY   | GY         |
| RED    | RD         |
| YELLOW | YW         |

NOTE: LEAVE ORDER CODE BLANK IF NO COLOR IS DESIRED.

- 2. ONLY LIGHT PIPES OF ASSEMBLIES WILL BE DYED.
- 1. PARTS ARE DYED TO COLOR UPON REQUEST.

|                                                                                       |                          |                                                                                                                                                                    |                              |
|---------------------------------------------------------------------------------------|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|
| STANDARD TOLERANCE<br>( UNLESS OTHERWISE SPECIFIED )<br>DECIMALS      ANGULAR         |                          | <br>4 THOMAS, IRVINE, CA. 92618<br>TEL: (949) 951-8808    FAX: (949) 951-3974 |                              |
|  |                          |                                                                                                                                                                    |                              |
| DESIGNED:<br><b>K. Aukshunas</b>                                                      | DATE:<br><b>01/25/16</b> | <b>TITLE:</b> RIGHT ANGLE LIGHT PIPE,<br>2.8MM, 4 STATION                                                                                                          |                              |
| CHECKED:<br><b>J. Chiang</b>                                                          | DATE:<br><b>01/25/16</b> | <b>PART NO:</b> RLP4-XXX-XXX                                                                                                                                       | REVISION:<br><b>D</b>        |
|                                                                                       |                          | <b>CAGE CODE :</b> 32559                                                                                                                                           | <b>SHEET #</b> 3 <b>OF</b> 3 |
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