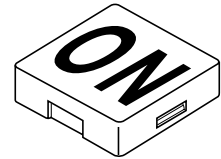
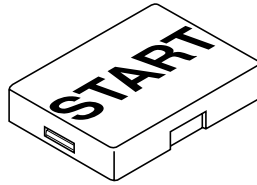
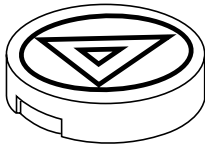


# YB Series Legend Packet



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The primary purpose of this Legend Packet is to let our customers know that NKK Switches provides full support regarding your legending requirements. The packet is designed to provide information to make your legending choices easy and concise, and to let you know that our availability can range from answering a few questions to guiding you through the entire process. Feel free to acquaint yourself with the following pages specific to your applications, then contact us and let us know how we may be of further assistance. We look forward to serving all your legending needs.

**YB Series Legend Instructions**

|                               |       |              |
|-------------------------------|-------|--------------|
| <b>1 Customer Information</b> |       | Today's Date |
| Company Name                  |       | Phone (    ) |
| Address                       |       | Fax (    )   |
| City                          | State | Zip Code     |
| Contact Person                |       | Email        |

*Important! Please complete one Request Form for each legend requested.*

|  |
|--|
| <b>2 Switch</b>  |
| Switch Part Number <span style="float: right;">Quantity Requested</span> |
| Cap Part Number  |

*Refer to Legend Packet page YB3 if you need assistance.*

|   |
|---|
| <b>3 Surface</b>  |
| <input type="checkbox"/> Lens <input type="checkbox"/> Film Insert <input type="checkbox"/> Insert <input type="checkbox"/> Other (contact factory) _____ |

*See Legend Packet page YB3 if you need more information on printable surfaces.*

|  |
|--|
| <b>4 Font Style and Size</b>   |
| <input type="checkbox"/> Helvetica Light <input type="checkbox"/> Helvetica Regular <input type="checkbox"/> <b>Helvetica Bold</b> <input type="checkbox"/> <b>Helvetica Black</b> <input type="checkbox"/> Other Font Style (contact factory) |
| Font Size: _____ point   |

*Refer to Legend Packet pages YB5 through YB9 to determine your font style and point size.*

|  |
|--|
| <b>5 Characters</b>  |
| <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>1 line</p> <div style="border: 1px solid black; padding: 5px; display: inline-block;">START</div> <p>_____</p> <p>Your Legend Text Here</p> </div> <div style="text-align: center;"> <p>2 lines</p> <div style="border: 1px solid black; padding: 5px; display: inline-block; text-align: center;">ON<br/>OFF</div> <p>_____</p> <p>Your Legend Text Here</p> </div> <div style="text-align: center;"> <p>3 lines</p> <div style="border: 1px solid black; padding: 5px; display: inline-block; text-align: center;">AC<br/>FAN<br/>ONLY</div> <p>_____</p> <p>_____</p> <p>Your Legend Text Here</p> </div> </div> |

Sample

Sample

Sample

**Minimum distance between characters is critical to legibility and cannot be less than .015".**

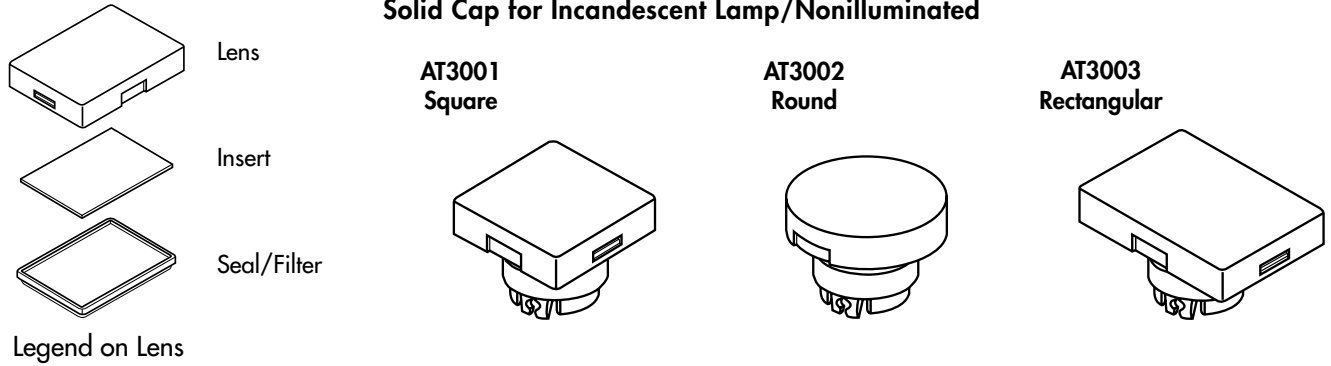
*Refer to Legend Packet page YB10 - YB11 to determine your maximum printable area. Legend Packet pages YB5 - YB9 provide character widths and heights. Note: All legends will be centered unless otherwise indicated.*

|          |   |
|----------|---|
| <b>6</b> | <i>Please make your selections below by checking one box in each row.</i> |
|----------|---|

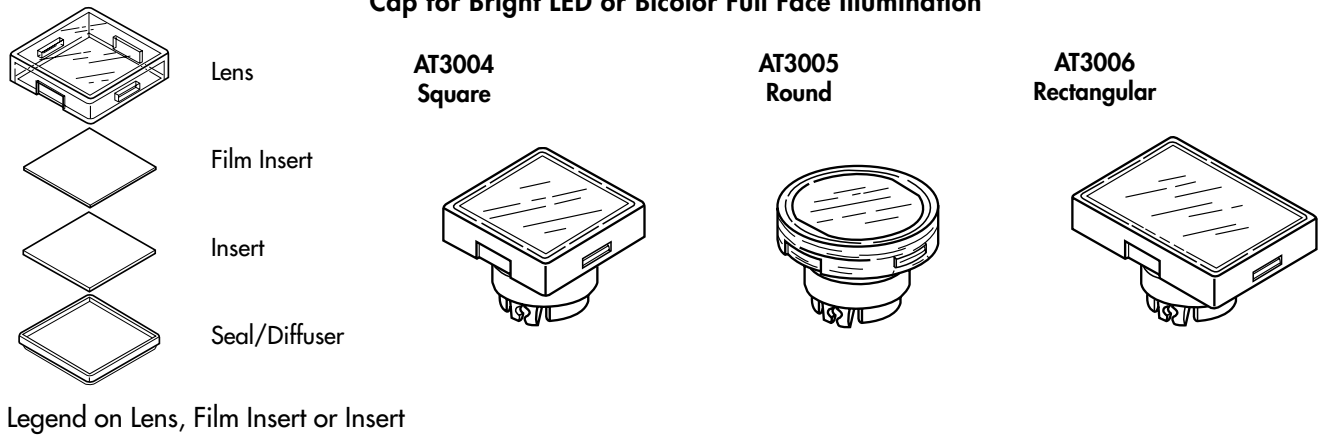
|                            |                                       |                                    |  |
|----------------------------|---------------------------------------|------------------------------------|--|
| <b>Legend Color</b>        | <input type="checkbox"/> Black        | <input type="checkbox"/> White     | <input type="checkbox"/> Other (contact factory)                                     |
| <b>Printing Method</b>     | <input type="checkbox"/> Screen Print | <input type="checkbox"/> Pad Print | <input type="checkbox"/> Laser Etch <input type="checkbox"/> Other (contact factory) |
| <b>*Legend Orientation</b> | <input type="checkbox"/> P/N Left     | <input type="checkbox"/> P/N Top   | <input type="checkbox"/> P/N Right <input type="checkbox"/> P/N Bottom               |

*\*See Legend Packet page YB4 for legend orientation specifications.*

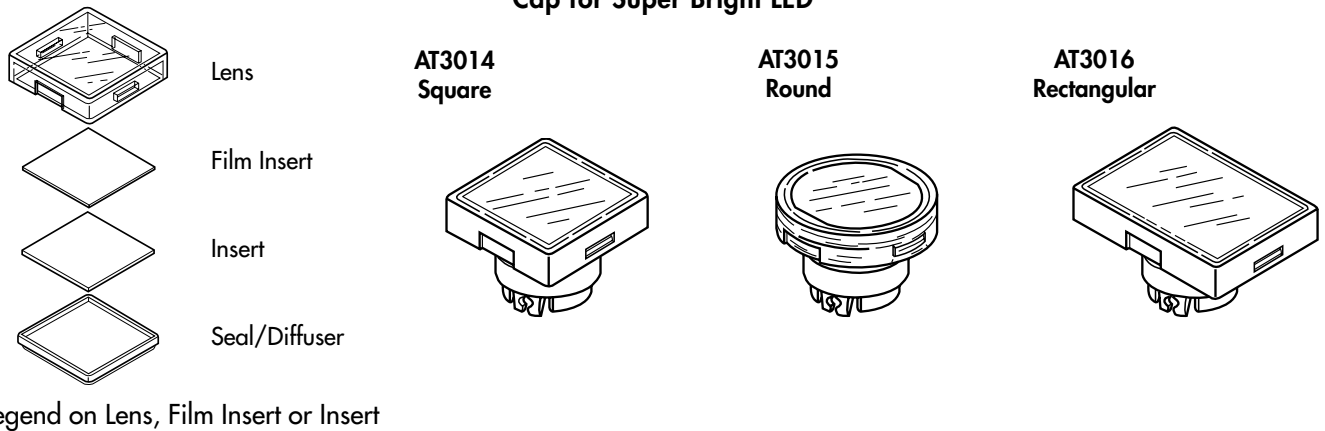
## Solid Cap for Incandescent Lamp/Nonilluminated



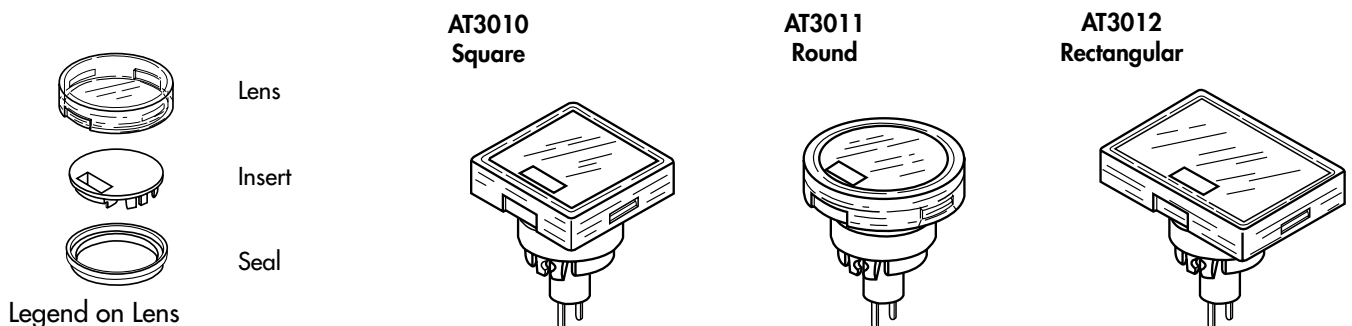
## Cap for Bright LED or Bicolor Full Face Illumination



## Cap for Super Bright LED

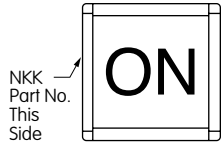
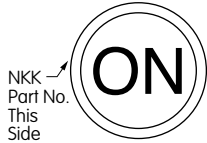
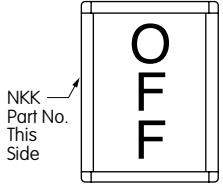
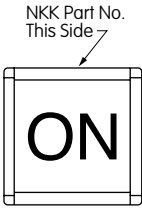
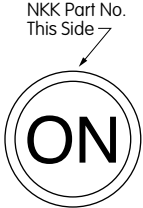

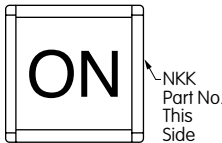
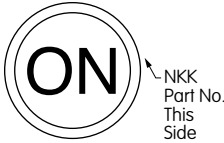
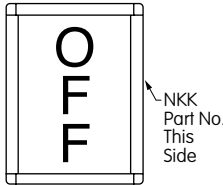
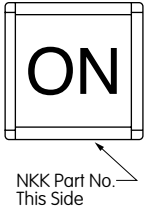

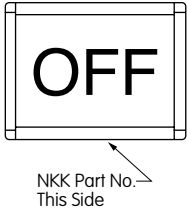


## Spot Illuminated Cap with Built-in LED

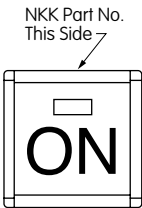
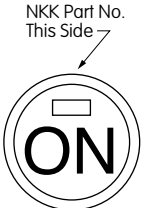
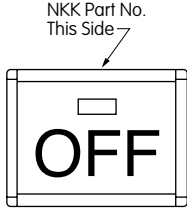


**YB Series Legend Instructions**

**Orientation of Legends on Square, Round and Rectangular Switches**

|  |  |   |   |
|--|--|---|---|
| <p><b>1</b></p> <p>NKK Part No. Left Side</p>  |  <p>Square Cap Codes S, K</p>   |  <p>Round Cap Codes C, M</p>   |  <p>Rectangular Cap Codes R, N</p>   |
| <p><b>2</b></p> <p>NKK Part No. Top</p>        |  <p>Square Cap Codes S, K</p>   |  <p>Round Cap Codes C, M</p>   |  <p>Rectangular Cap Codes R, N</p>   |
| <p><b>3</b></p> <p>NKK Part No. Right Side</p> |  <p>Square Cap Codes S, K</p>  |  <p>Round Cap Codes C, M</p> |  <p>Rectangular Cap Codes R, N</p>  |
| <p><b>4</b></p> <p>NKK Part No. Bottom</p>     |  <p>Square Cap Codes S, K</p> |  <p>Round Cap Codes C, M</p> |  <p>Rectangular Cap Codes R, N</p> |

**Orientation of Legends on Square, Round or Rectangular Spot Illuminated Switches**

|  |   |   |   |
|--|---|---|---|
| <p><b>2</b></p> <p>NKK Part No. Bottom</p> |  <p>Square Spot Illuminated Cap with LED<br/>Square Cap Codes S, K</p> |  <p>Round Spot illuminated Cap with LED<br/>Round Cap Codes C, M</p> |  <p>Rectangular Spot Illuminated Cap with LED<br/>Rectangular Cap Codes R, N</p> |
|--|---|---|---|

## YB Series Legend Instructions

The following tables display Helvetica font styles in graduated point sizes. These tables can give you an idea at a glance which size might be most compatible for your legend. For more detailed information on each font style and individual character widths, see pages YB6 through YB9.

### HELVETICA LIGHT

| Actual Font and Size | EWI   | EWI   | EWI   | EWI   | EWI   | EWI   | EWI   | EWI   | EWI   | EWI   | EWI   | EWI   |
|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Font Size in Points  | 6     | 7     | 8     | 9     | 10    | 11    | 12    | 14    | 16    | 18    | 20    | 22    |
| Character Height     | .063" | .075" | .084" | .092" | .100" | .111" | .120" | .141" | .161" | .189" | .211" | .231" |

See page YB6 for the Helvetica Light Font Style table.

### HELVETICA REGULAR

| Actual Font and Size | EWI   | EWI   | EWI   | EWI   | EWI   | EWI   | EWI   | EWI   | EWI   | EWI   | EWI   | EWI   |
|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Font Size in Points  | 6     | 7     | 8     | 9     | 10    | 11    | 12    | 14    | 16    | 18    | 20    | 22    |
| Character Height     | .064" | .077" | .086" | .096" | .107" | .118" | .129" | .149" | .171" | .189" | .214" | .250" |

See page YB7 for the Helvetica Regular Font Style table.

### HELVETICA BOLD

| Actual Font and Size |     |     | EWI   | EWI   | EWI   | EWI   | EWI   | EWI   | EWI   | EWI   | EWI   | EWI   |
|----------------------|-----|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Font Size in Points  | 6   | 7   | 8     | 9     | 10    | 11    | 12    | 14    | 16    | 18    | 20    | 22    |
| Character Height     | n/a | n/a | .086" | .096" | .107" | .117" | .128" | .149" | .170" | .191" | .203" | .234" |

See page YB8 for the Helvetica Bold Font Style table.

### HELVETICA BLACK

| Actual Font and Size |     |     | EWI   | EWI   | EWI   | EWI   | EWI   | EWI   | EWI   | EWI   | EWI   | EWI   |
|----------------------|-----|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Font Size in Points  | 6   | 7   | 8     | 9     | 10    | 11    | 12    | 14    | 16    | 18    | 20    | 22    |
| Character Height     | n/a | n/a | .084" | .095" | .106" | .116" | .126" | .149" | .169" | .189" | .211" | .229" |

See page YB9 for the Helvetica Black Font Style table.

**Note:** Minimum distance between characters on any font style is critical to legibility and cannot be less than .015". Remember to include this dimension *between* each character width when calculating overall legend length.

## YB Series Legend Instructions

| Actual Font and Size | EWI                        | EWI   | EWI   | EWI   | EWI   | EWI   | EWI   | EWI   | EWI   | EWI   | EWI   | EWI   |
|----------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Font Size in Points  | 6                          | 7     | 8     | 9     | 10    | 11    | 12    | 14    | 16    | 18    | 20    | 22    |
| Character Height     | .063"                      | .075" | .084" | .092" | .100" | .111" | .120" | .141" | .161" | .189" | .211" | .231" |
| Character            | Character Widths in Inches |       |       |       |       |       |       |       |       |       |       |       |
| A                    | .054                       | .062  | .071  | .081  | .089  | .098  | .107  | .124  | .142  | .160  | .178  | .195  |
| B                    | .044                       | .053  | .053  | .068  | .075  | .083  | .089  | .104  | .117  | .134  | .148  | .163  |
| C                    | .051                       | .062  | .070  | .079  | .088  | .088  | .104  | .122  | .139  | .156  | .174  | .191  |
| D                    | .050                       | .058  | .069  | .074  | .083  | .091  | .098  | .116  | .131  | .148  | .163  | .181  |
| E                    | .042                       | .049  | .055  | .063  | .069  | .076  | .076  | .096  | .109  | .123  | .137  | .150  |
| F                    | .038                       | .045  | .053  | .059  | .064  | .072  | .072  | .091  | .102  | .117  | .130  | .142  |
| G                    | .055                       | .063  | .072  | .072  | .092  | .099  | .109  | .126  | .143  | .162  | .180  | .197  |
| H                    | .048                       | .056  | .063  | .072  | .079  | .087  | .095  | .110  | .125  | .142  | .158  | .174  |
| I                    | .006                       | .008  | .009  | .010  | .010  | .011  | .012  | .014  | .015  | .018  | .020  | .022  |
| J                    | .033                       | .040  | .044  | .050  | .056  | .061  | .061  | .077  | .088  | .100  | .110  | .122  |
| K                    | .048                       | .056  | .063  | .071  | .079  | .088  | .088  | .110  | .127  | .145  | .159  | .173  |
| L                    | .037                       | .045  | .050  | .057  | .064  | .070  | .076  | .089  | .102  | .115  | .127  | .140  |
| M                    | .058                       | .065  | .077  | .086  | .096  | .104  | .114  | .132  | .151  | .171  | .189  | .206  |
| N                    | .049                       | .056  | .063  | .073  | .079  | .087  | .095  | .110  | .126  | .142  | .158  | .174  |
| O                    | .057                       | .065  | .076  | .084  | .095  | .103  | .113  | .131  | .149  | .169  | .188  | .205  |
| P                    | .043                       | .050  | .056  | .064  | .070  | .076  | .084  | .097  | .112  | .126  | .139  | .152  |
| Q                    | .057                       | .066  | .076  | .085  | .094  | .105  | .113  | .131  | .149  | .168  | .186  | .206  |
| R                    | .047                       | .052  | .061  | .069  | .075  | .083  | .090  | .104  | .118  | .134  | .151  | .163  |
| S                    | .045                       | .052  | .059  | .069  | .074  | .083  | .087  | .102  | .117  | .134  | .147  | .161  |
| T                    | .045                       | .051  | .059  | .069  | .073  | .082  | .088  | .102  | .116  | .133  | .146  | .161  |
| U                    | .048                       | .056  | .063  | .069  | .078  | .086  | .094  | .109  | .125  | .142  | .155  | .170  |
| V                    | .049                       | .055  | .064  | .073  | .079  | .089  | .096  | .113  | .129  | .146  | .162  | .177  |
| W                    | .073                       | .084  | .096  | .109  | .121  | .133  | .145  | .168  | .192  | .216  | .241  | .264  |
| X                    | .048                       | .056  | .064  | .073  | .082  | .089  | .097  | .113  | .129  | .147  | .162  | .177  |
| Y                    | .050                       | .058  | .066  | .074  | .083  | .090  | .097  | .115  | .131  | .147  | .163  | .181  |
| Z                    | .047                       | .053  | .062  | .070  | .077  | .077  | .092  | .108  | .122  | .138  | .153  | .168  |
| 1                    | .022                       | .023  | .028  | .031  | .036  | .038  | .042  | .049  | .055  | .062  | .069  | .078  |
| 2                    | .041                       | .047  | .053  | .059  | .065  | .072  | .078  | .093  | .105  | .117  | .131  | .145  |
| 3                    | .041                       | .048  | .054  | .060  | .067  | .067  | .080  | .094  | .107  | .120  | .133  | .147  |
| 4                    | .041                       | .048  | .054  | .060  | .068  | .068  | .082  | .095  | .108  | .122  | .134  | .149  |
| 5                    | .040                       | .046  | .053  | .059  | .067  | .073  | .079  | .092  | .105  | .118  | .131  | .145  |
| 6                    | .040                       | .046  | .054  | .060  | .066  | .073  | .081  | .093  | .104  | .119  | .132  | .146  |
| 7                    | .038                       | .044  | .051  | .057  | .063  | .069  | .075  | .089  | .101  | .113  | .125  | .138  |
| 8                    | .040                       | .046  | .052  | .060  | .060  | .072  | .078  | .092  | .106  | .117  | .131  | .144  |
| 9                    | .040                       | .047  | .054  | .060  | .066  | .073  | .080  | .093  | .106  | .119  | .133  | .146  |
| 0                    | .040                       | .048  | .054  | .060  | .067  | .074  | .080  | .093  | .107  | .120  | .133  | .147  |
| .                    | .005                       | .007  | .008  | .010  | .010  | .013  | .013  | .014  | .017  | .019  | .019  | .023  |
| ,                    | .007                       | .008  | .009  | .010  | .010  | .012  | .014  | .016  | .017  | .019  | .021  | .023  |
| +                    | .042                       | .050  | .056  | .064  | .069  | .077  | .085  | .097  | .110  | .125  | .139  | .153  |
| -                    | .021                       | .025  | .029  | .032  | .036  | .039  | .043  | .051  | .056  | .064  | .071  | .078  |
| /                    | .023                       | .029  | .033  | .037  | .042  | .046  | .050  | .057  | .065  | .074  | .081  | .089  |

**Note: Minimum distance between characters is critical to legibility and cannot be less than .015".**

## YB Series Legend Instructions

| Actual Font and Size | EWI                        | EWI   | EWI   | EWI   | EWI   | EWI   | EWI   | EWI   | EWI   | EWI   | EWI   | EWI   |
|----------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Font Size in Points  | 6                          | 7     | 8     | 9     | 10    | 11    | 12    | 14    | 16    | 18    | 20    | 22    |
| Character Height     | .064"                      | .077" | .086" | .096" | .107" | .118" | .129" | .149" | .171" | .189" | .214" | .250" |
| Character            | Character Widths in Inches |       |       |       |       |       |       |       |       |       |       |       |
| A                    | .054                       | .063  | .072  | .081  | .089  | .097  | .108  | .126  | .142  | .159  | .178  | .196  |
| B                    | .045                       | .054  | .061  | .069  | .076  | .084  | .091  | .105  | .122  | .139  | .151  | .167  |
| C                    | .053                       | .062  | .069  | .079  | .088  | .096  | .105  | .122  | .139  | .159  | .176  | .194  |
| D                    | .048                       | .056  | .065  | .073  | .082  | .090  | .097  | .112  | .129  | .145  | .161  | .178  |
| E                    | .044                       | .052  | .059  | .066  | .074  | .081  | .086  | .103  | .116  | .132  | .145  | .160  |
| F                    | .042                       | .056  | .056  | .063  | .069  | .076  | .082  | .095  | .102  | .123  | .136  | .149  |
| G                    | .056                       | .064  | .075  | .085  | .094  | .103  | .111  | .130  | .147  | .167  | .185  | .204  |
| H                    | .048                       | .056  | .063  | .071  | .079  | .087  | .094  | .109  | .125  | .140  | .157  | .173  |
| I                    | .009                       | .010  | .011  | .010  | .014  | .013  | .016  | .019  | .020  | .024  | .028  | .029  |
| J                    | .035                       | .041  | .047  | .051  | .057  | .064  | .070  | .081  | .090  | .102  | .115  | .127  |
| K                    | .049                       | .057  | .064  | .073  | .081  | .088  | .097  | .111  | .127  | .144  | .162  | .178  |
| L                    | .039                       | .043  | .051  | .057  | .063  | .069  | .076  | .088  | .102  | .113  | .127  | .139  |
| M                    | .059                       | .067  | .077  | .086  | .096  | .107  | .116  | .134  | .155  | .173  | .191  | .211  |
| N                    | .049                       | .058  | .064  | .072  | .079  | .087  | .096  | .111  | .129  | .141  | .160  | .175  |
| O                    | .059                       | .069  | .079  | .089  | .097  | .109  | .117  | .138  | .156  | .177  | .198  | .215  |
| P                    | .044                       | .052  | .058  | .066  | .074  | .082  | .089  | .103  | .115  | .133  | .148  | .161  |
| Q                    | .058                       | .069  | .079  | .089  | .099  | .108  | .117  | .139  | .157  | .177  | .198  | .216  |
| R                    | .050                       | .058  | .067  | .075  | .082  | .090  | .098  | .113  | .130  | .147  | .164  | .181  |
| S                    | .048                       | .056  | .064  | .072  | .080  | .088  | .096  | .111  | .126  | .142  | .161  | .161  |
| T                    | .049                       | .056  | .063  | .071  | .080  | .089  | .097  | .111  | .127  | .142  | .161  | .176  |
| U                    | .048                       | .056  | .063  | .071  | .078  | .087  | .094  | .110  | .126  | .139  | .158  | .173  |
| V                    | .052                       | .060  | .071  | .077  | .086  | .097  | .103  | .120  | .138  | .154  | .173  | .189  |
| W                    | .076                       | .089  | .101  | .114  | .128  | .138  | .153  | .178  | .204  | .227  | .251  | .280  |
| X                    | .053                       | .062  | .071  | .080  | .088  | .098  | .106  | .122  | .140  | .156  | .174  | .193  |
| Y                    | .054                       | .064  | .073  | .083  | .090  | .100  | .109  | .126  | .146  | .162  | .181  | .200  |
| Z                    | .047                       | .054  | .063  | .070  | .078  | .086  | .094  | .108  | .124  | .139  | .155  | .172  |
| 1                    | .021                       | .023  | .029  | .031  | .035  | .038  | .041  | .046  | .056  | .063  | .068  | .076  |
| 2                    | .041                       | .047  | .055  | .061  | .066  | .074  | .078  | .093  | .107  | .119  | .134  | .146  |
| 3                    | .041                       | .046  | .054  | .060  | .067  | .072  | .080  | .094  | .107  | .119  | .133  | .146  |
| 4                    | .042                       | .048  | .056  | .062  | .069  | .076  | .082  | .096  | .111  | .122  | .138  | .151  |
| 5                    | .041                       | .048  | .054  | .061  | .067  | .074  | .080  | .093  | .107  | .120  | .134  | .148  |
| 6                    | .040                       | .046  | .054  | .060  | .066  | .072  | .080  | .092  | .107  | .119  | .131  | .145  |
| 7                    | .041                       | .047  | .053  | .060  | .069  | .072  | .080  | .093  | .105  | .118  | .133  | .145  |
| 8                    | .040                       | .046  | .053  | .060  | .066  | .073  | .079  | .092  | .107  | .119  | .133  | .147  |
| 9                    | .040                       | .046  | .053  | .059  | .065  | .072  | .080  | .092  | .105  | .119  | .132  | .145  |
| 0                    | .040                       | .045  | .052  | .059  | .065  | .071  | .077  | .090  | .102  | .116  | .129  | .141  |
| .                    | .009                       | .011  | .012  | .014  | .015  | .016  | .017  | .020  | .023  | .027  | .029  | .031  |
| ,                    | .008                       | .011  | .012  | .014  | .017  | .017  | .018  | .020  | .024  | .026  | .030  | .023  |
| +                    | .041                       | .048  | .054  | .061  | .068  | .074  | .081  | .095  | .110  | .122  | .134  | .149  |
| -                    | .020                       | .023  | .026  | .030  | .034  | .037  | .041  | .048  | .054  | .061  | .066  | .074  |
| /                    | .025                       | .029  | .033  | .039  | .041  | .045  | .050  | .056  | .065  | .074  | .081  | .089  |

**Note: Minimum distance between characters is critical to legibility and cannot be less than .015".**

## YB Series Legend Instructions

| Actual Font and Size |                            |     | EWI   | EWI   | EWI   | EWI   | EWI   | EWI   | EWI   | EWI   | EWI   | EWI   |
|----------------------|----------------------------|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Font Size in Points  | 6                          | 7   | 8     | 9     | 10    | 11    | 12    | 14    | 16    | 18    | 20    | 22    |
| Character Height     | n/a                        | n/a | .086" | .096" | .107" | .117" | .128" | .149" | .170" | .191" | .203" | .234" |
| Character            | Character Widths in Inches |     |       |       |       |       |       |       |       |       |       |       |
| A                    |                            |     | .076  | .085  | .095  | .105  | .113  | .132  | .150  | .170  | .189  | .208  |
| B                    | n/a                        | n/a | .065  | .073  | .082  | .089  | .097  | .114  | .129  | .146  | .163  | .179  |
| C                    |                            |     | .073  | .081  | .089  | .098  | .107  | .125  | .144  | .162  | .179  | .196  |
| D                    |                            |     | .068  | .076  | .085  | .093  | .102  | .119  | .135  | .151  | .168  | .186  |
| E                    | n/a                        | n/a | .062  | .069  | .076  | .084  | .092  | .107  | .122  | .137  | .152  | .168  |
| F                    |                            |     | .057  | .065  | .072  | .079  | .086  | .101  | .115  | .129  | .143  | .157  |
| G                    |                            |     | .075  | .084  | .094  | .103  | .112  | .130  | .149  | .168  | .186  | .205  |
| H                    | n/a                        | n/a | .065  | .075  | .083  | .090  | .099  | .116  | .131  | .148  | .164  | .181  |
| I                    |                            |     | .017  | .019  | .022  | .023  | .026  | .030  | .034  | .038  | .043  | .047  |
| J                    |                            |     | .052  | .059  | .065  | .071  | .077  | .091  | .103  | .116  | .129  | .142  |
| K                    | n/a                        | n/a | .073  | .082  | .090  | .099  | .109  | .126  | .143  | .162  | .180  | .198  |
| L                    |                            |     | .056  | .063  | .070  | .076  | .084  | .098  | .111  | .126  | .140  | .154  |
| M                    |                            |     | .080  | .089  | .100  | .109  | .120  | .140  | .159  | .179  | .199  | .219  |
| N                    | n/a                        | n/a | .067  | .075  | .083  | .091  | .100  | .116  | .132  | .148  | .166  | .182  |
| O                    |                            |     | .079  | .088  | .097  | .107  | .118  | .137  | .156  | .176  | .195  | .215  |
| P                    |                            |     | .063  | .070  | .078  | .086  | .095  | .109  | .124  | .140  | .155  | .171  |
| Q                    | n/a                        | n/a | .077  | .088  | .098  | .108  | .118  | .137  | .157  | .175  | .195  | .216  |
| R                    |                            |     | .067  | .076  | .083  | .092  | .100  | .116  | .133  | .149  | .167  | .184  |
| S                    |                            |     | .068  | .076  | .084  | .092  | .102  | .118  | .135  | .151  | .168  | .185  |
| T                    | n/a                        | n/a | .065  | .074  | .082  | .089  | .098  | .115  | .131  | .147  | .163  | .180  |
| U                    |                            |     | .065  | .073  | .082  | .089  | .098  | .114  | .129  | .145  | .162  | .177  |
| V                    |                            |     | .069  | .078  | .087  | .096  | .104  | .122  | .140  | .157  | .175  | .191  |
| W                    | n/a                        | n/a | .102  | .116  | .129  | .142  | .155  | .180  | .206  | .230  | .256  | .281  |
| X                    |                            |     | .070  | .081  | .089  | .098  | .106  | .122  | .140  | .159  | .176  | .193  |
| Y                    |                            |     | .069  | .078  | .087  | .096  | .105  | .122  | .139  | .156  | .175  | .191  |
| Z                    | n/a                        | n/a | .062  | .069  | .077  | .084  | .092  | .108  | .122  | .138  | .153  | .168  |
| 1                    |                            |     | .035  | .039  | .043  | .049  | .053  | .060  | .069  | .078  | .086  | .096  |
| 2                    |                            |     | .054  | .061  | .067  | .074  | .082  | .094  | .107  | .122  | .135  | .148  |
| 3                    | n/a                        | n/a | .055  | .062  | .069  | .076  | .082  | .095  | .109  | .122  | .136  | .149  |
| 4                    |                            |     | .056  | .063  | .069  | .077  | .083  | .098  | .112  | .125  | .140  | .153  |
| 5                    |                            |     | .056  | .062  | .069  | .076  | .083  | .096  | .109  | .122  | .136  | .151  |
| 6                    | n/a                        | n/a | .055  | .063  | .069  | .076  | .082  | .096  | .109  | .122  | .138  | .149  |
| 7                    |                            |     | .056  | .063  | .070  | .077  | .084  | .098  | .112  | .119  | .140  | .154  |
| 8                    |                            |     | .056  | .063  | .069  | .078  | .085  | .099  | .112  | .127  | .140  | .154  |
| 9                    | n/a                        | n/a | .055  | .061  | .069  | .076  | .083  | .096  | .109  | .122  | .135  | .149  |
| 0                    |                            |     | .055  | .062  | .069  | .076  | .081  | .096  | .109  | .122  | .137  | .150  |
| .                    |                            |     | .017  | .019  | .021  | .023  | .026  | .030  | .033  | .038  | .043  | .047  |
| ,                    | n/a                        | n/a | .017  | .020  | .022  | .023  | .026  | .030  | .034  | .038  | .043  | .047  |
| +                    |                            |     | .054  | .061  | .068  | .075  | .081  | .096  | .108  | .122  | .135  | .148  |
| -                    |                            |     | .031  | .034  | .038  | .042  | .046  | .054  | .061  | .069  | .078  | .084  |
| /                    | n/a                        | n/a | .030  | .035  | .038  | .043  | .046  | .054  | .062  | .069  | .076  | .084  |

**Note: Minimum distance between characters is critical to legibility and cannot be less than .015".**



## YB Series Legend Instructions

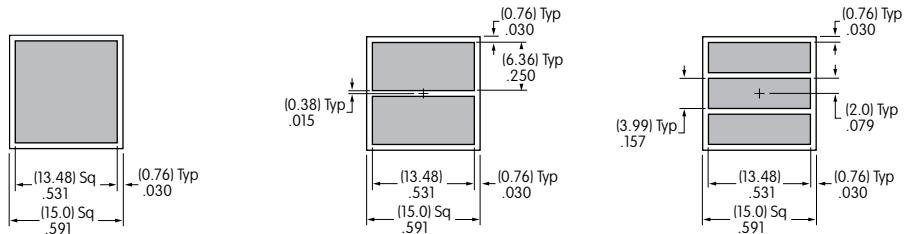
| Actual Font and Size |                            |     | EWI   | EWI   | EWI   | EWI   | EWI   | EWI   | EWI   | EWI   | EWI   | EWI   |
|----------------------|----------------------------|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Font Size in Points  | 6                          | 7   | 8     | 9     | 10    | 11    | 12    | 14    | 16    | 18    | 20    | 22    |
| Character Height     | n/a                        | n/a | .084" | .095" | .106" | .116" | .126" | .149" | .169" | .189" | .211" | .229" |
| Character            | Character Widths in Inches |     |       |       |       |       |       |       |       |       |       |       |
| A                    |                            |     | .085  | .096  | .106  | .116  | .127  | .148  | .170  | .186  | .211  | .233  |
| B                    | n/a                        | n/a | .075  | .084  | .093  | .102  | .111  | .129  | .147  | .167  | .184  | .203  |
| C                    |                            |     | .082  | .091  | .102  | .112  | .122  | .142  | .162  | .182  | .203  | .222  |
| D                    |                            |     | .078  | .088  | .097  | .107  | .115  | .136  | .155  | .174  | .193  | .214  |
| E                    | n/a                        | n/a | .068  | .076  | .084  | .093  | .101  | .117  | .134  | .151  | .168  | .184  |
| F                    |                            |     | .063  | .071  | .079  | .087  | .094  | .110  | .125  | .141  | .157  | .173  |
| G                    |                            |     | .082  | .092  | .102  | .112  | .122  | .141  | .162  | .183  | .203  | .223  |
| H                    | n/a                        | n/a | .078  | .088  | .097  | .108  | .117  | .136  | .155  | .175  | .194  | .212  |
| I                    |                            |     | .027  | .030  | .034  | .037  | .040  | .047  | .053  | .060  | .067  | .072  |
| J                    |                            |     | .065  | .072  | .081  | .088  | .096  | .112  | .127  | .142  | .159  | .175  |
| K                    | n/a                        | n/a | .084  | .095  | .104  | .116  | .125  | .147  | .167  | .188  | .210  | .230  |
| L                    |                            |     | .063  | .071  | .079  | .087  | .094  | .110  | .125  | .141  | .157  | .171  |
| M                    |                            |     | .092  | .103  | .115  | .126  | .139  | .161  | .184  | .208  | .230  | .251  |
| N                    | n/a                        | n/a | .078  | .087  | .097  | .108  | .116  | .136  | .155  | .175  | .194  | .214  |
| O                    |                            |     | .085  | .095  | .106  | .116  | .126  | .148  | .168  | .190  | .211  | .231  |
| P                    |                            |     | .074  | .083  | .092  | .101  | .109  | .128  | .146  | .165  | .183  | .200  |
| Q                    | n/a                        | n/a | .085  | .095  | .106  | .116  | .126  | .147  | .168  | .189  | .211  | .230  |
| R                    |                            |     | .076  | .087  | .096  | .105  | .115  | .135  | .153  | .172  | .192  | .212  |
| S                    |                            |     | .074  | .083  | .092  | .101  | .109  | .129  | .147  | .165  | .182  | .201  |
| T                    | n/a                        | n/a | .074  | .084  | .093  | .102  | .110  | .129  | .147  | .166  | .185  | .203  |
| U                    |                            |     | .078  | .088  | .097  | .108  | .116  | .135  | .155  | .175  | .194  | .211  |
| V                    |                            |     | .083  | .093  | .102  | .112  | .123  | .142  | .164  | .184  | .205  | .226  |
| W                    | n/a                        | n/a | .111  | .124  | .138  | .152  | .167  | .194  | .221  | .250  | .275  | .303  |
| X                    |                            |     | .086  | .097  | .106  | .117  | .128  | .149  | .171  | .190  | .213  | .234  |
| Y                    |                            |     | .086  | .098  | .109  | .119  | .129  | .150  | .172  | .194  | .215  | .237  |
| Z                    | n/a                        | n/a | .073  | .082  | .090  | .100  | .109  | .127  | .145  | .163  | .181  | .199  |
| 1                    |                            |     | .042  | .047  | .052  | .058  | .063  | .073  | .083  | .094  | .104  | .113  |
| 2                    |                            |     | .068  | .076  | .083  | .091  | .100  | .117  | .132  | .149  | .167  | .183  |
| 3                    | n/a                        | n/a | .069  | .076  | .083  | .092  | .101  | .117  | .133  | .150  | .167  | .184  |
| 4                    |                            |     | .069  | .076  | .086  | .094  | .102  | .120  | .136  | .154  | .170  | .188  |
| 5                    |                            |     | .069  | .076  | .085  | .094  | .102  | .120  | .136  | .153  | .170  | .186  |
| 6                    | n/a                        | n/a | .069  | .077  | .086  | .095  | .103  | .121  | .137  | .154  | .171  | .189  |
| 7                    |                            |     | .064  | .072  | .080  | .088  | .096  | .111  | .127  | .142  | .158  | .175  |
| 8                    |                            |     | .069  | .077  | .085  | .094  | .102  | .120  | .135  | .154  | .170  | .186  |
| 9                    | n/a                        | n/a | .069  | .077  | .085  | .096  | .102  | .121  | .136  | .155  | .170  | .189  |
| 0                    |                            |     | .069  | .076  | .085  | .095  | .103  | .119  | .136  | .154  | .171  | .189  |
| .                    |                            |     | .023  | .027  | .030  | .033  | .036  | .042  | .048  | .053  | .060  | .066  |
| ,                    | n/a                        | n/a | .023  | .027  | .030  | .033  | .037  | .042  | .048  | .054  | .060  | .066  |
| +                    |                            |     | .056  | .063  | .071  | .077  | .084  | .098  | .114  | .127  | .141  | .155  |
| -                    |                            |     | .030  | .034  | .037  | .042  | .045  | .053  | .061  | .068  | .076  | .083  |
| /                    | n/a                        | n/a | .039  | .043  | .049  | .052  | .058  | .068  | .077  | .086  | .096  | .104  |

**Note: Minimum distance between characters is critical to legibility and cannot be less than .015".**

Note: All gray areas represent printable surfaces.

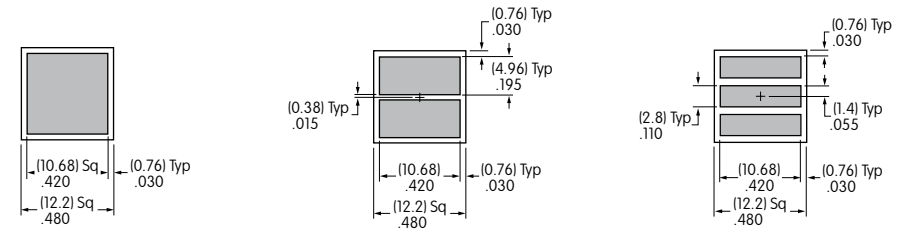
### Square Cap Lens

- 1 line maximum height .531"
- 2 lines maximum height .250"
- 3 lines maximum height .157"
- Maximum width .531"



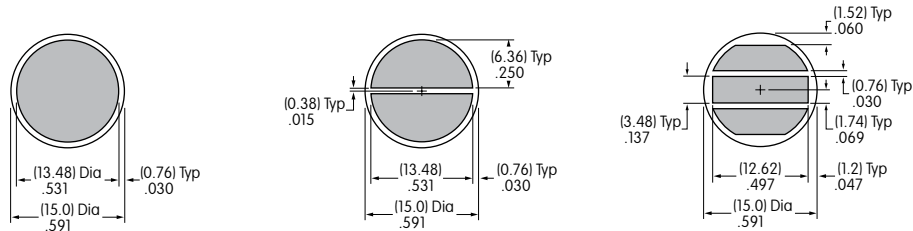
### Square Film Insert or Insert

- 1 line maximum height .420"
- 2 lines maximum height .165"
- 3 lines maximum height .110"
- Maximum width .420"



### Round Cap Lens

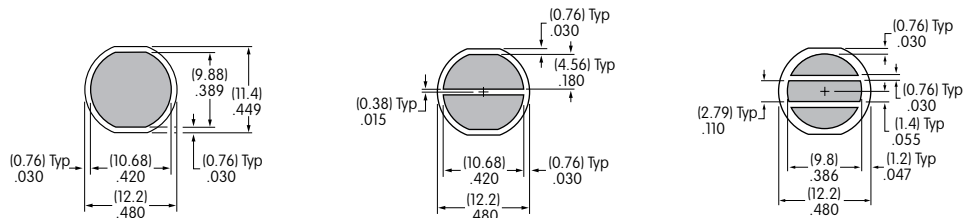
Note maximum space available for 1, 2 or 3 line legends. These dimensions must be considered when choosing font style and size for round cap lens.\*



### Round Film Insert or Insert

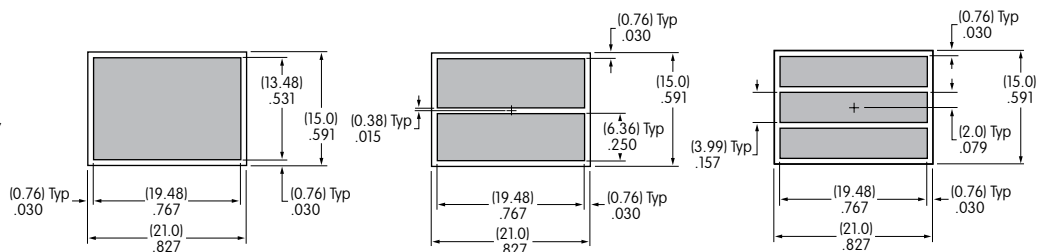
Note maximum space available for 1, 2 or 3 line legends. These dimensions must be considered when choosing font style and size for round cap lens.\*

\*Factory assistance available



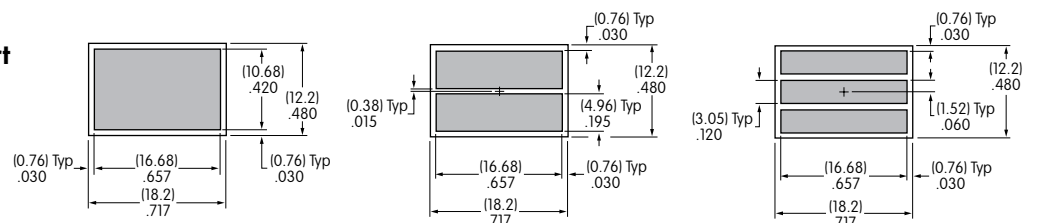
### Rectangular Cap Lens

- 1 line maximum height .531"
- 2 lines maximum height .250"
- 3 lines maximum height .157"
- Maximum width .767"



### Rectangular Film Insert or Insert

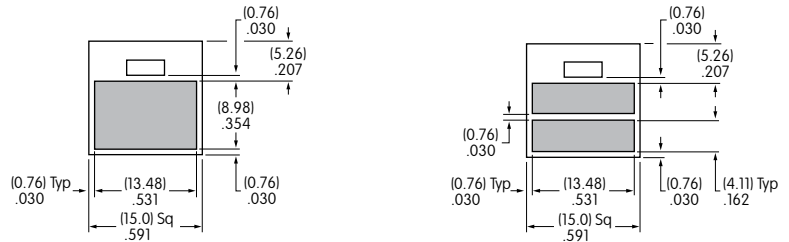
- 1 line maximum height .420"
- 2 lines maximum height .195"
- 3 lines maximum height .120"
- Maximum width .657"



Note: All gray areas represent printable surfaces.

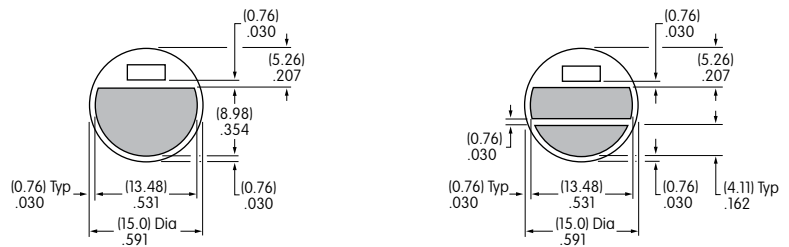
**Square  
Spot Illuminated Cap Lens**

1 line maximum height .354"  
2 lines maximum height .162"  
Maximum width .531"



**Round  
Spot Illuminated Cap Lens**

1 line maximum height .354"  
2 lines maximum height .162"  
Maximum width .531"



**Rectangular  
Spot Illuminated Cap Lens**

1 line maximum height .354"  
2 lines maximum height .162"  
Maximum width .767"

