

## 080BA9S120Lx (SERIES)

LED Light Bulb; Ba9S Base; 130Vdc/140Vdc max



080BA9S120LA



080BA9S120LB



080BA9S120LG



080BA9S120LL



080BA9S120LR



080BA9S120LV

DWG BY:

HF

08-29-22

R&D:

LUV

09-07-22

QA:

LUV

09-07-22

MFG:

LD

09-01-22

REVISION LTR: PRELIMINARY

08-29-22

## ○ Features

|                       |                              |
|-----------------------|------------------------------|
| Operating Temperature | -30°C to +50°C               |
| Sleeve Material       | Rynite FR530 (UL94HB)        |
| Base Material         | (Body) Brass                 |
|                       | (Barrel) Nickel Plated Brass |
| Dimmable              | No                           |
| Lifespan              | Color LEDs: 100,000 hrs.     |
|                       | White LEDs: 50,000 hrs.      |
| Warranty              | 3 Years                      |
| Weight                | 0.0058 lb. / 0.09 oz.        |



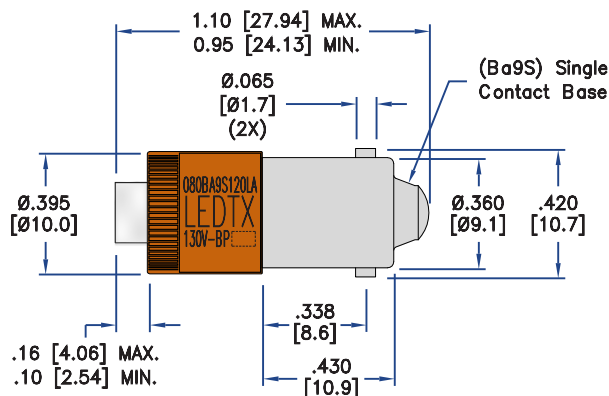
## ○ Electro-Optical Characteristics

| Part Number           | 080BA9S120LA      | 080BA9S120LB      | 080BA9S120LG      |
|-----------------------|-------------------|-------------------|-------------------|
| Input Voltage (typ)   | 130Vdc/140Vdc max | 130Vdc/140Vdc max | 130Vdc/140Vdc max |
| Tested @ (Voltage)    | 130Vdc            | 130Vdc            | 130Vdc            |
| Power Consumption     | 0.6 W             | 0.6 W             | 0.6 W             |
| Current Consumption   | 0.004 A           | 0.004 A           | 0.004 A           |
| Lumens                | 0.15 lm           | 1.28 lm           | 0.40 lm           |
| SCP                   | 0.01              | 0.10              | 0.03              |
| Luminous Intensity    | 0.1 cd            | 0.5 cd            | 0.2 cd            |
| λP nm / CCT           | 619               | 6500K             | 592               |
| Color                 | Super Orange      | White             | Super Yellow      |
| Angle of illumination | 55°               | 100°              | 95°               |

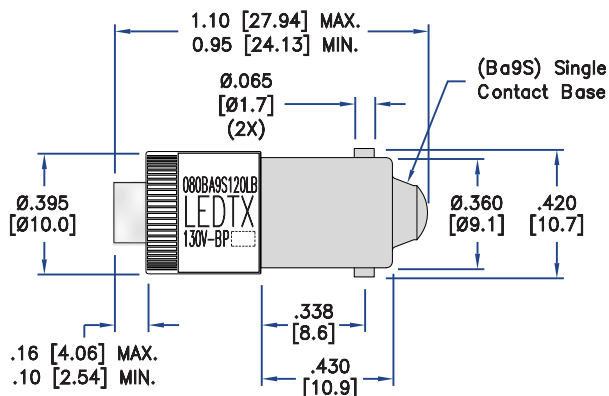
| Part Number           | 080BA9S120LL      | 080BA9S120LR      | 080BA9S120LV      |
|-----------------------|-------------------|-------------------|-------------------|
| Input Voltage (typ)   | 130Vdc/140Vdc max | 130Vdc/140Vdc max | 130Vdc/140Vdc max |
| Tested @ (Voltage)    | 130Vdc            | 130Vdc            | 130Vdc            |
| Power Consumption     | 0.6 W             | 0.6 W             | 0.6 W             |
| Current Consumption   | 0.004 A           | 0.004 A           | 0.004 A           |
| Lumens                | 0.24 lm           | 0.16 lm           | 1.42 lm           |
| SCP                   | 0.02              | 0.01              | 0.11              |
| Luminous Intensity    | 0.2 cd            | 0.1 cd            | 0.6 cd            |
| λP nm                 | 465               | 630               | 526               |
| Color                 | Super Blue        | Super Red         | Aqua Green        |
| Angle of illumination | 85°               | 95°               | 85°               |

## ○ Dimensions

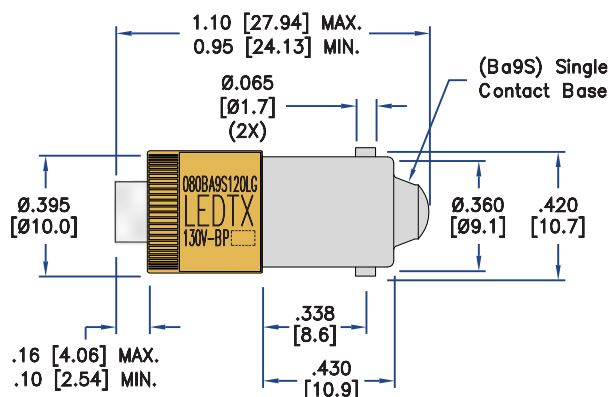
**080BA9S120LA**



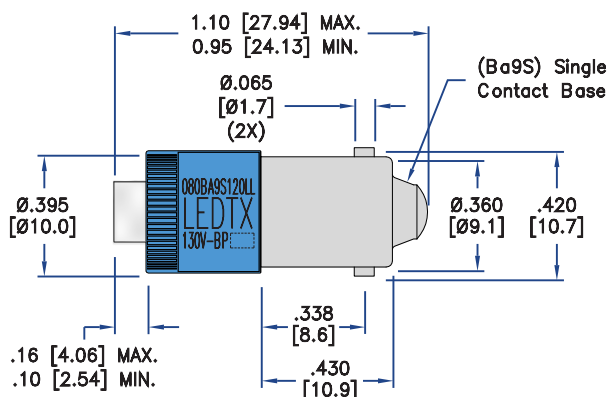
**080BA9S120LB**



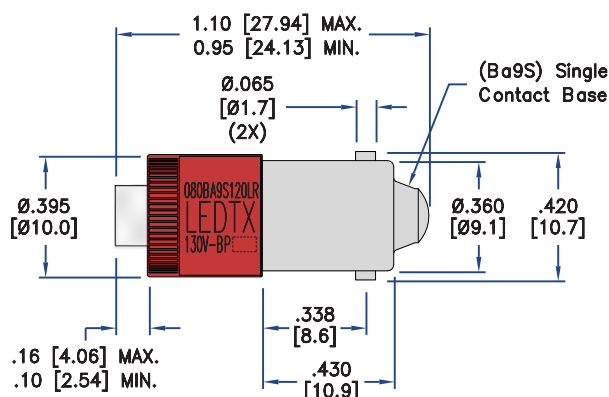
**080BA9S120LG**



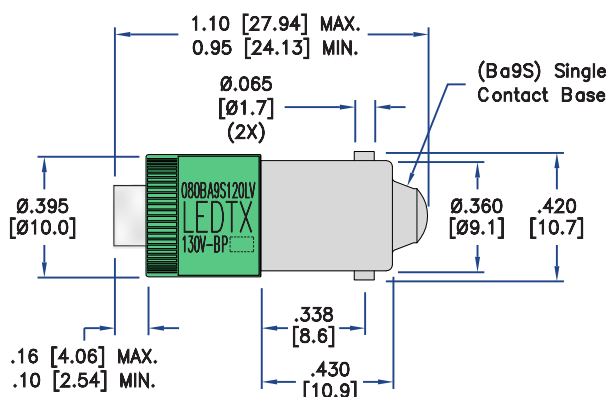
**080BA9S120LL**



**080BA9S120LR**



**080BA9S120LV**



### Note:

1. All Dimensions are in Inches [Millimeters].

### Tolerance:

XXX +/- .010

XX +/- .025