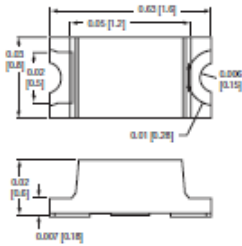


Dialight

New 597 SMD LEDs Features & Benefits

Dimensions in inches [mm]



597 Series 0603 Tighter Intensity Binning

- Two intensity bins max on Green, Blue, and White
- One intensity bin max on other colors
- Improved panel and display uniformity

Available Colors

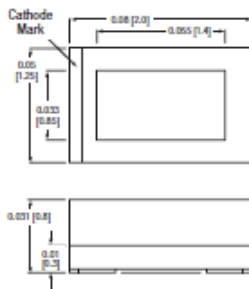
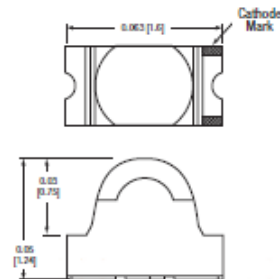
- Red (630 nm)
- Red (620 nm)
- Red-Orange (615 nm)
- Orange (605 nm)
- Yellow (590 nm)
- Yellow-Green (571 nm)
- Green (527 nm)
- Blue (470 nm)
- White (x+0.295, Y=0.280)

597 Series 0603 with Domed Lens

- 60° Viewing angle
- Reduces bleed in light pipe applications
- Increased on-axis intensity vs non-domed 0603

Available Colors

- Red (630 nm)
- Red (620 nm)
- Orange (605 nm)
- Yellow (587 nm)
- Yellow (590 nm)
- Yellow-Green (571 nm)
- Green (560 nm)



597 Series 0805 with Reflector Cup

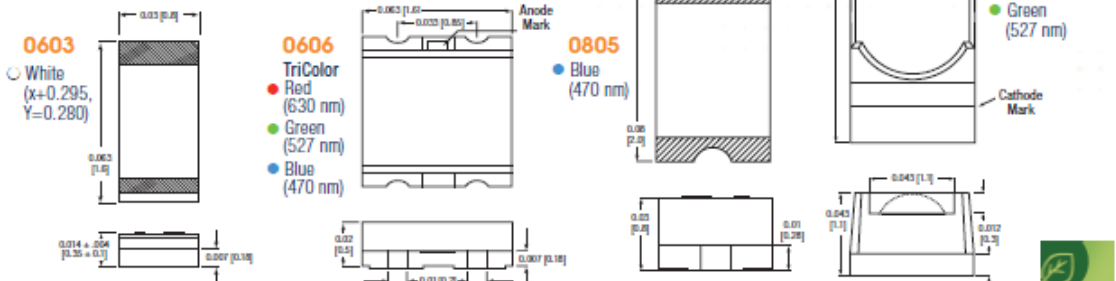
- 110° Viewing angle
- Reduces bleed in light pipe applications
- Reduced bleed on front panel displays

Available Colors

- Red (630 nm)
- Red (620 nm)
- Orange (605 nm)
- Yellow (590 nm)
- Yellow-Green (571 nm)
- Green (560 nm)
- Green (527 nm)
- Blue (470 nm)
- White (x+0.295, Y=0.280)

597 Series 0603, 0606, 0805, 1206 with integral Zener Diode

- Transient voltage suppressor
- Human Body Model Class 2 ESD protection



For convenience, please find the links to the individual data sheets:

597 0603 Single Intensity Bin

http://www.dialightsignalsandcomponents.com/Assets/Drawings/2D_Drawings_DrawingDetailedSpec/NewDrawings/597%20Series_0418/597%20Series%20SMD%200603%20w1Bin%20Detailed%20Spec.pdf

597 0603 with 2 Intensity Bins

http://www.dialightsignalsandcomponents.com/Assets/Drawings/2D_Drawings_DrawingDetailedSpec/NewDrawings/597%20Series_0418/597%20Series%20SMD%200603%20w2%20Bins%20Detailed%20Spec.pdf

597 0603 with Lens

http://www.dialightsignalsandcomponents.com/Assets/Drawings/2D_Drawings_DrawingDetailedSpec/NewDrawings/597%20Series_0418/597%20Series%20SMD%200603%20wLens%20Detailed%20Spec.pdf

597 0805 with Reflector Cup

http://www.dialightsignalsandcomponents.com/Assets/Drawings/2D_Drawings_DrawingDetailedSpec/NewDrawings/597%20Series_0418/597%20Series%20SMD%200805%20wRefCup%20Detailed%20Spec.pdf

597 with Zener Diodes

0603 - White

http://www.dialightsignalsandcomponents.com/Assets/Drawings/2D_Drawings_DrawingDetailedSpec/NewDrawings/597%20Series_0418/597%20Series%20SMD%200603%205mA%20Zener%20Detailed%20Spec.pdf

0606 – Tri-color

http://www.dialightsignalsandcomponents.com/Assets/Drawings/2D_Drawings_DrawingDetailedSpec/NewDrawings/597%20Series_0418/597%20Series%20SMD%200606Tri%205mA%20Zener%20Detailed%20Spec%20.pdf

0805 Blue

http://www.dialightsignalsandcomponents.com/Assets/Drawings/2D_Drawings_DrawingDetailedSpec/NewDrawings/597%20Series_0418/597%20Series%20SMD%200805%202mA%20Zener%20Detailed%20Spec.pdf

1206 Reverse Mount – Green

http://www.dialightsignalsandcomponents.com/Assets/Drawings/2D_Drawings_DrawingDetailedSpec/NewDrawings/597%20Series_0418/597%20Series%20SMD%201206%20Zener%20Detailed%20Spec.pdf