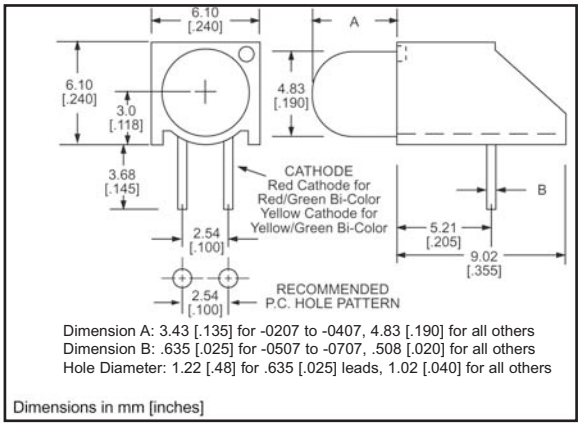
Dialight

550 SERIES

5mm LED CBI®
Circuit Board Indicator
Sloped Back Housing with Standoffs

FEATURES / BENEFITS

- Multiple CBIs form horizontal LED arrays on 6.35mm (0.250") center-lines.
- High contrast, UL 94 V-0 rated, black housing
- Oxygen index: 32%
- Polymer content: PBT, 0.206 g
- Housing stand-offs facilitate PCB cleaning
- Solderability per MIL-STD-202F, method 208F
- LEDs are safe for direct viewing per IEC 825-1, EN-60825-1
- Compatible with: 550-xx07 Dual Block and 550-xx07-004 Quad Block



Dimension A: 3.43 [.135] for -0207 to -0407, 4.83 [.190] for all others
Dimension B: .635 [.025] for -0507 to -0707, .508 [.020] for all others
Hole Diameter: 1.22 [.48] for .635 [.025] leads, 1.02 [.040] for all others

Dimensions in mm [inches]

Standard Polarity shown in drawing: Cathode right

PART NUMBER ORDERING CODE

550 – xx07 – 010

- 550: Series
- xx07: LED Type
- 010: Reverse Polarity Option 1) Cathode Left

Contact factory for information on custom color combinations.

TOLERANCE NOTE: As noted, otherwise:
- LED Protrusion: ±0.41mm [±0.016]
- CBI Housing: +0.20mm [±0.008]

To order any of the 550-xx07 part numbers with Reverse Polarity (Cathode Left), please add -010 to the part numbers shown above.

PART NUMBER	COLOR
GENERAL PURPOSE	
550-0207	Green
550-0307	Yellow
550-0407	Red
INTEGRAL RESISTOR	
550-0507	Red, 5V
550-0707	Green, 5V
550-0807	Yellow, 5V
LOW CURRENT	
550-1107	Red
550-1207	Yellow
550-1307	Green
HIGH EFFICIENCY	
550-2207	Green
550-2307	Yellow
550-2407	Red
550-2507	Orange
BI-COLOR	
550-3007	Red/Green
550-3107	Yellow/Green
SUPER BRIGHT, DIFFUSED	
550-5107	Red
550-5207	Green
550-5307	Yellow
SUPER BRIGHT, WATER CLEAR (Non-tinted, Non-diffused)	
550-5507	Red
550-5607	Green
550-5707	Yellow

ENERGY STAR PARTNER

A4703 UL REGISTERED FIRM ISO 9001
Dialight Corporation

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