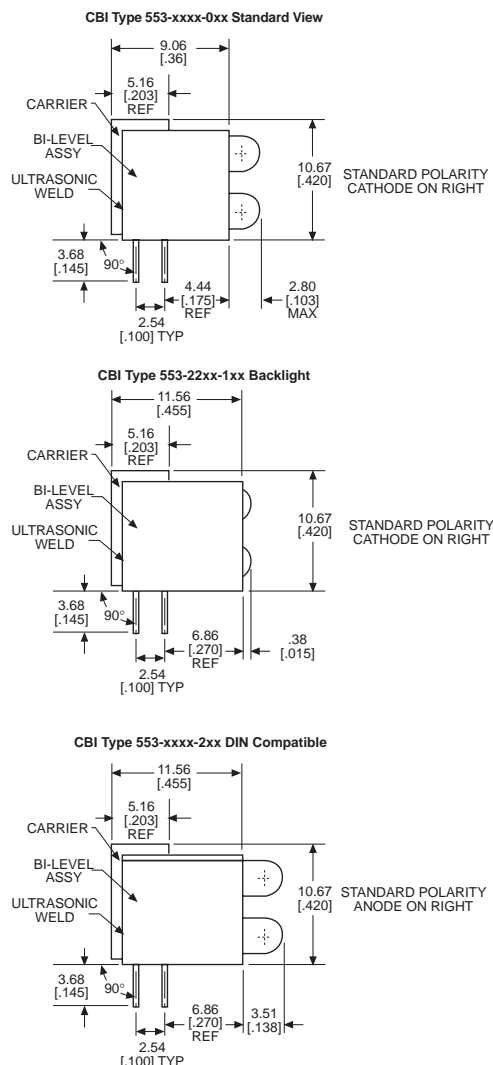


**NEW**

# 3mm LED CBI Circuit Board Indicator Ganged Arrays

# Dialight

## 553-xxxx-xxx

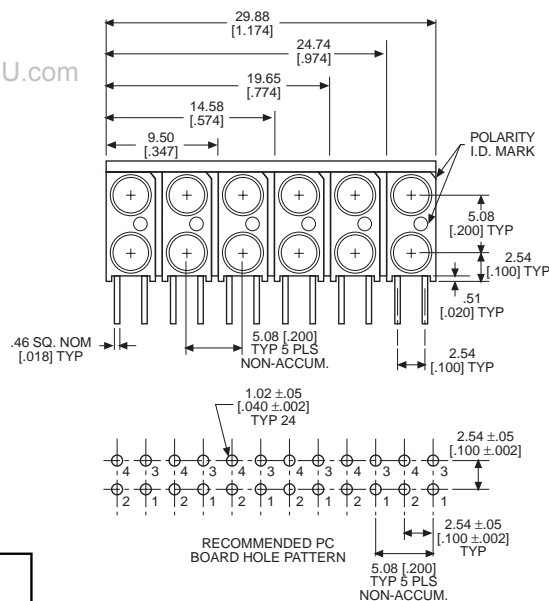


### Features

- 2 through 12 LEDs
- Mount on .200 center lines
- Standard View: 553-xxxx-0xx compatible with:  
553-xxxx single bi-level
- Backlight: 553-22xx-1xx compatible with:  
553-22xx-100 single backlighting bi-level
- DIN Compatible: 553-xxxx-2xx compatible with:  
553-xxxx-200 single DIN4194 bi-level
- Reduces insertion labor cost
- Welded angle bracket construction assures rigidity
- Carrier and housing material meets UL 94 V-0

### Custom Combinations

- Consult factory for color or LED variations
- Narrow .185 mounting pitches available, consult factory



Standard Polarity Shown in Above Drawings

## PART NUMBER ORDERING CODE

**LED Type**

- 01 - High Efficiency
- 02 - Low Current, 2mA
- 03 - Integral Resistor, 5V
- 07 - Bi-color
- 22 - Non-diffused

**Top LED Color**

**Bottom LED Color**

**CBI Type**

- 0 - Standard View
- 1 - Backlight
- 2 - DIN 41494 Compatible

**Series**

**# of Positions 2-6**

5	5	3	-	x	x	x	x	-	x	x	x
---	---	---	---	---	---	---	---	---	---	---	---

**Polarity Option**

- 0) Standard Polarity
- Cathode Right Standard View
- Cathode Right Backlight
- Anode Right DIN Compatible

- 1) Reverse Polarity
- Cathode Left Standard View
- Cathode Left Backlight
- Anode Left DIN Compatible

**Colors:**    0) Blank    1) Red or Red/Green Bi-Color    2) Green    3) Yellow

              4) Yellow/Green Bi-Color    7) Orange



## CLICK HERE

To Construct Custom Color Combinations of This Part

### Standard View

### Backlight

### DIN 4194 Compatible

## 553-XXXX-XXX

Typical Operating Characteristics ( $T_A = 25^\circ\text{C}$ )

## STANDARD VIEW

Part Number	Color	Peak Wavelength nm	I <sub>v</sub> mcd	V <sub>F</sub> Volts	Test Current (mA)	Viewing Angle 2 $\Theta_{1/2}$	LED Data sheet	Page #
553-0111-0xx	Red	650	10	2	10	45°	521-9427	4-63
553-0122-0xx	Green	563	16	2.1	10	45°	521-9408	4-63
553-0133-0xx	Yellow	585	6.3	2.1	10	45°	521-9428	4-63
553-0177-0xx	Orange	600	6.5	2.2	10	60°	521-9498	4-53
553-0211-0xx	Red	635	1.8	1.8	2	50°	521-9324	4-55
553-0222-0xx	Green	565	1.6	1.8	2	50°	521-9326	4-55
553-0233-0xx	Yellow	583	1.6	1.9	2	50°	521-9325	4-55
553-0311-0xx	Red	635	4	5 <sup>†</sup>	10 <sup>††</sup>	60°	521-9215	4-54
553-0322-0xx	Green	565	8	5 <sup>†</sup>	12 <sup>††</sup>	60°	521-9323	4-54
553-0333-0xx	Yellow	583	8	5 <sup>†</sup>	10 <sup>††</sup>	60°	521-9322	4-54
553-0711-0xx	Red/Green	635/565	5	2	10	50°	521-9459	4-58
553-0744-0xx	Yellow/Green	585/565	4.3/6.3	2.1*/2.1*	10	80°	521-9478	4-57
553-2211-0xx	Red	635	12	2.2	10	45°	521-9432	4-56
553-2222-0xx	Green	565	12	2.3	10	45°	521-9430	4-56
553-2233-0xx	Yellow	583	12	2.2	10	45°	521-9431	4-56

\* I<sub>F</sub> = 20mA    † Test Voltage    †† Forward Current mA

## BACKLIGHT

Part Number	Color*	Peak Wavelength nm	I <sub>v</sub> mcd	V <sub>F</sub> Volts	Test Current (mA)	Viewing Angle 2 $\Theta_{1/2}$	LED Data sheet	Page #
553-2211-1xx	Red-Red	635/635	12/12	2.2/2.2	10	45°	521-9432	4-56
553-2222-1xx	Green-Green	565/565	12/12	2.3/2.3	10	45°	521-9430	4-56
553-2223-1xx	Green-Yellow	565/583	12/12	2.3/2.2	10	45°	521-9430/-9431	4-56
553-2232-1xx	Yellow-Green	583/565	12/12	2.2/2.3	10	45°	521-9431/-9430	4-56
553-2233-1xx	Yellow-Yellow	583/583	12/12	2.2/2.2	10	45°	521-9431	4-56

\* Top-Bottom LED

## DIN COMPATIBLE

Part Number	Color	Peak Wavelength nm	I <sub>v</sub> mcd	V <sub>F</sub> Volts	Test Current (mA)	Viewing Angle 2 $\Theta_{1/2}$	LED Data sheet	Page #
553-0111-2xx	Red	635	10	2*	10	60°	521-9216	4-53
553-0122-2xx	Green	565	12.6	2.1*	10	60°	521-9210	4-53
553-0133-2xx	Yellow	583	10	2.2	10	60°	521-9211	4-53
553-0177-2xx	Orange	600	7	2.2*	10	60°	521-9498	4-53
553-0211-2xx	Red	635	1.8	1.8	2	50°	521-9324	4-55
553-0222-2xx	Green	565	1.6	1.8	2	50°	521-9326	4-55
553-0233-2xx	Yellow	583	1.6	1.9	2	50°	521-9325	4-55
553-0311-2xx	Red	635	4	5 <sup>†</sup>	10 <sup>†</sup>	60°	521-9215	4-54
553-0322-2xx	Green	565	8	5 <sup>†</sup>	12 <sup>†</sup>	60°	521-9323	4-54
553-0333-2xx	Yellow	583	8	5 <sup>†</sup>	10 <sup>†</sup>	60°	521-9322	4-54
553-0711-2xx	Red/Green	635/565	5	2	10	50°	521-9459	4-58
553-0744-2xx	Yellow/Green	585/565	4.3/6.3	2.1*/2.1*	10	80°	521-9478	4-57
553-2211-2xx	Red	635	12	2.2	10	45°	521-9432	4-56
553-2222-2xx	Green	565	12	2.3	10	45°	521-9430	4-56
553-2233-2xx	Yellow	583	12	2.2	10	45°	521-9431	4-56

\* I<sub>F</sub> = 20mA    † Test Voltage    †† Forward Current mA

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