Chipsmall

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

Contact us

3mm
LED CBI® Circuit Board Indicator
Tri-Level

Dialight

564-0x00-xxx

Dimensions in mm [inches]
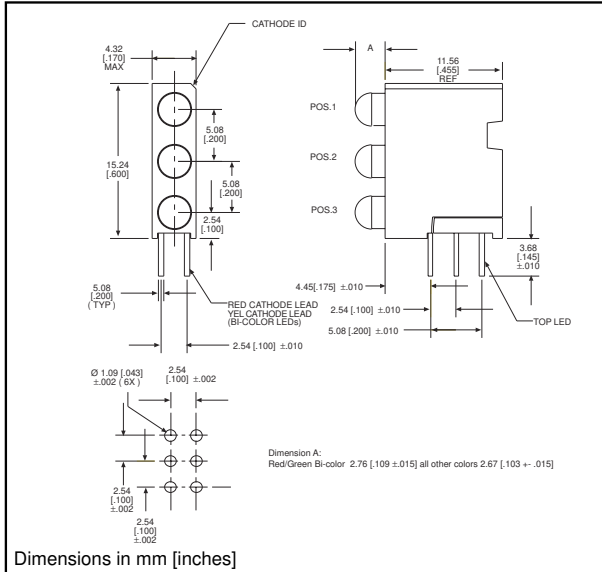
Features

- Multiple CBIs form horizontal LED arrays on 4.45mm (0.175") center-lines.
- High Contrast, UL 94 V-0 rated, black housing
- Oxygen index: 29%
- Polymer content: PBT, 0.078 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

Tolerance note: As noted, otherwise:

- LED Protrusion: ±0.04 mm [±0.016]
- CBI Housing: ±0.02mm[±0.008]

Custom Combinations
- Contact factory for information on custom color combinations
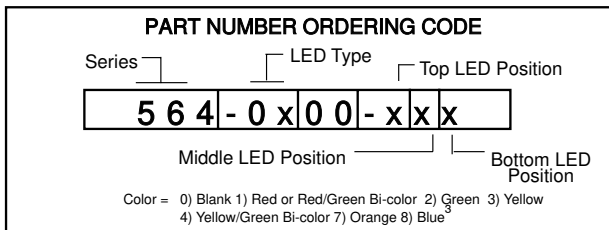
PART NO.	**COLOR***
HIGH EFFICIENCY - LED TYPE 01	
564-0100-111	Red-Red-Red
564-0100-132	Red-Yellow-Green
564-0100-222	Green-Green-Green
564-0100-777	Orange-Orange-Orange
564-0100-999	Blue-Blue-Blue

◄ NEW

LOW CURRENT - LED TYPE 02	
564-0200-111	Red-Red-Red
564-0200-132	Red-Yellow-Green
564-0200-222	Green-Green-Green
INTEGRAL RESISTOR, 5 VOLTS - LED TYPE 03	
564-0300-111	Red-Red-Red
564-0300-132	Red-Yellow-Green
564-0300-222	Green-Green-Green
BI-COLOR - LED TYPE 07	
564-0700-111	Red/Green-Red/Green-Red/Green
564-0700-444	Yellow/Green-Yellow/Green-Yellow/Green

* Top-Middle-Bottom LED

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PART NUMBER ORDERING CODE

Series — LED Type — Top LED Position

5 6 4 - 0 x 0 0 - x x x

Middle LED Position — Bottom LED Position

Color = 0) Blank 1) Red or Red/Green Bi-color 2) Green 3) Yellow
4) Yellow/Green Bi-color 7) Orange 8) Blue[3]

⚠ ATTENTION
OBSERVE PRECAUTIONS
FOR HANDLING
ELECTROSTATIC
SENSITIVE
DEVICES

Typical Operating Characteristics (T_A=25°C)

HIGH EFFICIENCY

Part Number	Color	Peak Wavelength nm	Iv mcd	V_F Volts	Test Current (mA)	Viewing Angle 2Θ½	LED Data sheet	Page #
564-0100-xxx	Red	635	10	2*	10	60°	521-9216	4-58
	Green	565	12.6	2.1*	10	60°	521-9210	4-58
	Yellow	585	10	2.1*	10	60°	521-9211	4-58
	Orange	600	7	2.2	10	60°	521-9498	4-58
	Blue	428	12	3.5	10	70°	521-9831	4-57

* I_F = 20mA

LOW CURRENT

Part Number	Color	Peak Wavelength nm	Iv mcd	V_F Volts	Test Current (mA)	Viewing Angle 2Θ½	LED Data sheet	Page #
564-0200-xxx	Red	635	1.6	1.7	2	60°	521-9324	4-60
	Green	565	1.6	1.9	2	60°	521-9326	4-60
	Yellow	585	1.6	1.8	2	60°	521-9325	4-60

INTEGRAL RESISTOR, 5 VOLTS

Part Number	Color	Peak Wavelength nm	Iv mcd	Test Voltage	Forward Current (mA)	Viewing Angle 2Θ½	LED Data sheet	Page #
564-0300-xxx	Red	635	29	5	10	60°	521-9215	4-59
	Green	565	19	5	10	60°	521-9323	4-59
	Yellow	585	12.6	5	10	60°	521-9322	4-59

BI-COLOR

Part Number	Color	Peak Wavelength nm	Iv mcd	V_F Volts	Test Current (mA)	Viewing Angle 2Θ½	LED Data sheet	Page #
564-0700-111	Red/Green	635/565	4.7/10	2/2.1	10	50°	521-9459	4-63
564-0700-444	Yellow/Green	585/565	4.3/6.3	2.1*/2.1*	10	80°	521-9478	4-62

* I_F = 20mA

Dialight