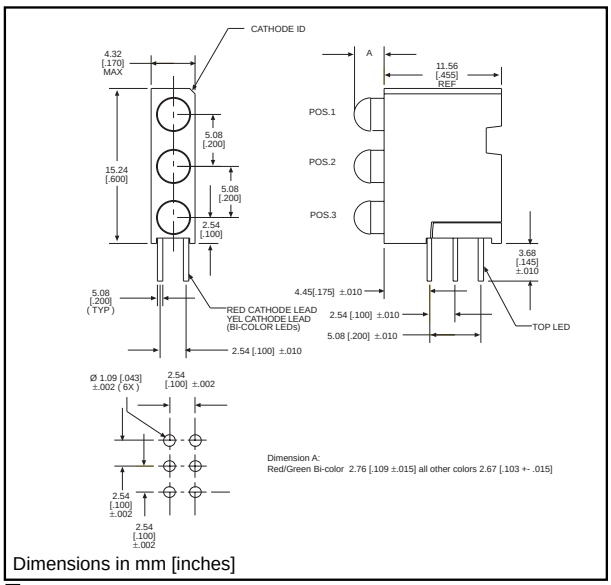
3mm
LED CBI® Circuit Board Indicator
Tri-Level

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 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]

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

4

3

ATTENTION
OBSERVE PRECAUTIONS FOR HANDLING ELECTROSTATIC SENSITIVE DEVICES

Typical Operating Characteristics (T_A=25°C)

See LED data sheet for additional information
See Pages 4-73 and 4-74 for LED Drive Circuit Examples
See Page 4-72 for Pin Out

HIGH EFFICIENCY

Part Number	Color	Peak Wavelength nm	I_V mcd	V_F Volts	Test Current (mA)	Viewing Angle $2\Theta_{½}$	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	I_V mcd	V_F Volts	Test Current (mA)	Viewing Angle $2\Theta_{½}$	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	I_V mcd	Test Voltage	Forward Current (mA)	Viewing Angle $2\Theta_{½}$	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	I_V mcd	V_F Volts	Test Current (mA)	Viewing Angle $2\Theta_{½}$	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*

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Dialight:

564-0100-112F 564-0100-123F 564-0100-231F 564-0100-002F 564-0100-332F 564-0100-211F 564-0200-132F
564-0100-222F 564-0200-222F 564-0100-333F 564-0100-111F 564-0700-444F 564-0300-111F 564-0300-132F
564-0300-222F 564-0200-111F 564-0100-132F 564-0700-111F 564-0100-777F 564-0100-302F 564-0100-932F
564-0100-203F 564-0100-210F 564-0300-231F 564-0100-232F 564-0100-011F 564-0100-331F 564-0100-922F
564-0100-030F 564-0100-212F 564-0700-101F 564-0100-113F 564-0100-207F 564-0100-303F 564-0100-120F
564-0100-321F 564-0100-700F 564-0100-022F 564-0100-121F 564-0100-220F 564-0100-227F 564-0100-271F
564-0100-311F 564-0100-313F 564-0100-320F 564-0100-999F 564-0100-312F 564-0100-233F 564-0200-232F
564-0100-173F 564-0100-213F 564-0100-020F 564-0100-101F 564-0100-100F 564-0100-221F 564-0100-223F
564-0100-300F 564-0100-201F 564-0100-202F 564-0100-200F 564-0100-122F 564-0100-323F 564-0100-772F
564-0100-322F 564-0100-712F 564-0140-223F 564-0700-414F 564-0700-824F 564-0700-804F 564-0700-812F
564-0100-802F 564-0340-111F 564-0100-812F 564-0200-333F 564-0200-100F 564-0100-217F 564-0700-808F
564-0700-816F 564-0140-231F 564-0200-211F 564-0005-807F 564-0100-807F 564-0100-816F 564-0240-303F
564-0340-322F 564-0200-331F 564-0340-33-34F 564-0300-311F 564-0300-201F 564-0200-131F 564-0100-815F
564-0300-232F 564-0200-122F 564-0700-817F 564-0100-813F 564-0100-828F 564-0100-803F 564-0140-321F
564-0240-310F 564-0100-827F