



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!



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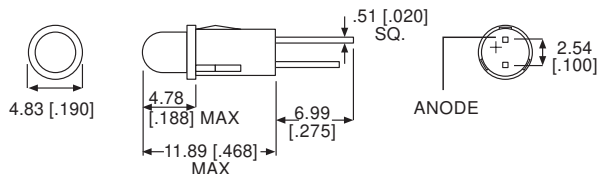
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



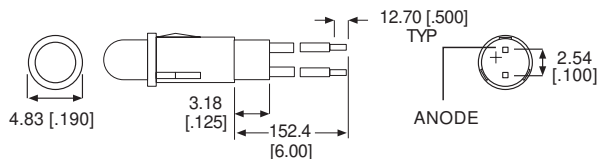
# 3mm LED Panel Mount Indicator .156" Mounting Hole, Snap In Mounting

# Dialight 558 Series

### STRAIGHT TERMINALS – TERMINAL OPTION 1



### 26 AWG 6" WIRE LEADS – TERMINAL OPTION 3 FOR 6" TERMINAL OPTION 7 FOR 14"



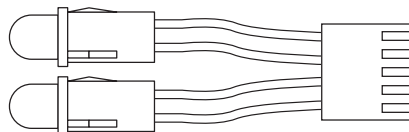
NOTE: WIRE LEAD COLOR RED AND BLACK (CATHODE); RED CATHODE FOR R/G BI-COLOR, YELLOW CATHODE FOR YELLOW GREEN BI-COLOR

### BENEFITS

- Available with a variety of LEDs
- Designed for quick positive insertions in panels from .787mm [.031] through 1.57mm [.062] thick. Recommended hole size from 3.94mm [.155] to 4.01mm [.158]. Wire: 26 AWG
- Front panel mounting
- Uniform illumination
- Snap-in mounting requires no additional hardware
- IC compatible
- Housing meets UL94V-0
- High reliability - 100,000 hour life
- Black housing enhances LED contrast
- Straight terminals suitable for wire-wrapping

### CUSTOM CAPABILITIES

Connectors and terminals can be added to wire leads



### Typical Operating Characteristics (T<sub>A</sub>=25°C) HIGH EFFICIENCY, DIFFUSED LED

Part Number	Color	Termination Options	λ <sub>Peak</sub> Wavelength (nm)	I <sub>v</sub> (mcd)	I <sub>f</sub> (mA)	V <sub>f</sub> Volts (V)		Min Reverse Voltage	Viewing Angle 2Θ <sup>1/2</sup>	Max Forward Current (mA)	Temperature °C	
						Typ	Max				Operating	Storage
558-0101-00x	R	1,3,7	650	10	10	2	3	3*	45	20	-25/+85	-30/+100
558-0201-00x	G	1,3,7	563	16	10	2.1	3	3*	45	25	-25/+85	-30/+100
558-0301-00x	Y	1,3,7	585	6.3	10	2.1	3	3*	45	20	-25/+85	-30/+100
558-0401-00x	O	1,3,7	600	6.5	10	2.2	3	5†	60	25	-55/+100	-55/+100

### Absolute Maximum Ratings

### ULTRA BRIGHT, WATER CLEAR LED

558-0501-00x	G	1,3,7	565	70	20	2.1	2.8	5†	45	30	-55/+100	-55/+100
558-0601-00x	A	1,3,7	594	200	20	1.9	2.4	5†	45	50	-40/+100	-55/+100
558-0701-00x	R	1,3,7	660	170	20	1.8	2.4	4†	45	40	-55/+100	-55/+100

### LOW CURRENT, 2mA, LED

558-1101-00x	R	1,3,7	635	1.8	2	1.8	2.2	5**	50	7	-55/+100	-55/+100
558-1201-00x	Y	1,3,7	583	1.6	2	1.9	2.7	5**	50	7	-20/+100	-55/+100
558-1301-00x	G	1,3,7	565	1.6	2	1.8	2.2	5**	50	7	-55/+100	-55/+100

### COLOR CODES:

R Red  
G Green  
Y Yellow  
O Orange  
A Amber

\* I<sub>R</sub> = 10μA  
\*\* I<sub>R</sub> = 50μA  
† I<sub>R</sub> = 100μA

### PART NUMBER ORDERING CODE

5 5 8 - X X X X - 0 0 X

Series

Termination Option  
1 = Straight Terminals  
3 = 6" Wire Leads  
7 = 14" Wire Leads