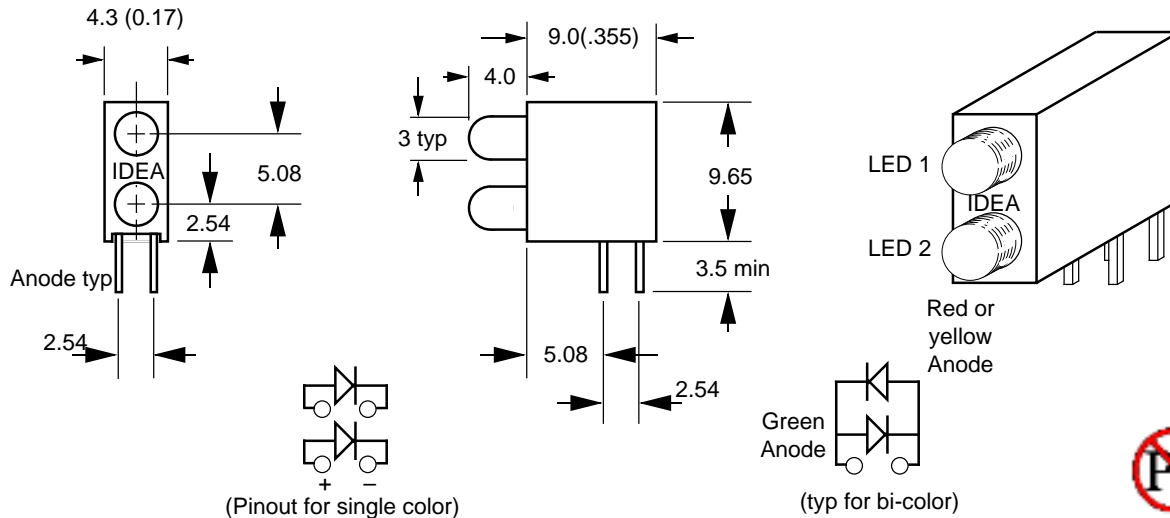


# T-1, (3-mm) Round, Bi-level PCB Mount LED Indicator, G478B Series

www.ledidea.com



The G478B is a popular indicator in LAN hubs and network controllers. Designed to save panel space, the assembly measures just over 4.3 mm(0.170") in width. Long arrays should be located on a pitch of 4.4 mm(0.173") to avoid crowding and tolerance build-up. This series can also be supplied with pinout reversed from that shown by adding "-RL" to the order code of the part number.



RoHS Compliant  
Aug 2004

Specify part desired as follows:

G478B/Order Code LED1 + Order Code LED 2

For example: "G478B/H+G" designates an assembly with a red LED on top and a green LED on the bottom.

"G478B/(H+G)-RL" designates the same assembly with leads reversed.

## ORDER CODE AND INFORMATION (ALL RATINGS AT 25°C AMBIENT)

LED Lamp			Typical Characteristics				Recom. Op. If (mA)
Epoxy & Type	Color	Order Code	Peak $\lambda$ (nm)	Vf (V) @If=20mA	Iv (mcd) @If=10mA	$2\theta_{1/2}$ (Deg)	
Tinted Diffused Resistor Required	Hi Eff Red	I	635	2.0	10	60	10-20
	Green	G	565	2.1	10	60	10-20
	Yellow	Y	585	2.0	10	60	10-20
	Orange	O	610	2.0	10	60	10-20
Tinted Transparent High Brightness	Hi Eff Red	IT	635	2.0	40	40	10-20
	Green	GT	565	2.1	40	40	10-20
	Yellow	YT	585	2.0	40	40	10-20
Tinted Diffused For 2mA Operation	Hi Eff Red	I2	635	2.0	1.0 @ 2mA	60	2-10
	Green	G2	565	2.1	1.0 @ 2mA	60	2-10
	Yellow	Y2	585	2.0	1.0 @ 2mA	60	2-10
Tinted Diffused 5V Operation	Hi Eff Red	I5	635	-	10	60	5 V
	Green	G5	565	-	10	60	5 V
	Yellow	Y5	585	-	10	60	5 V
White Diffused Bipolar, Bicolor	Red/Green	EG	635/565	2.0/2.1	4 / 4	90	10-20
	Yellow/Green	YG	585/565	2.0/2.1	4 / 4	90	10-20
	Red/Yellow	EY	635/585	2.0/2.0	4 / 4	90	10-20

\* Specifications subject to change without notice. Dimensions are in mm±0.25 unless stated otherwise.

IDEA, Inc., 1351 Titan Way, Brea, CA 92821 Ph:714-525-3302, 800-LED-IDEA; Fax: 714-525-3304 2005G