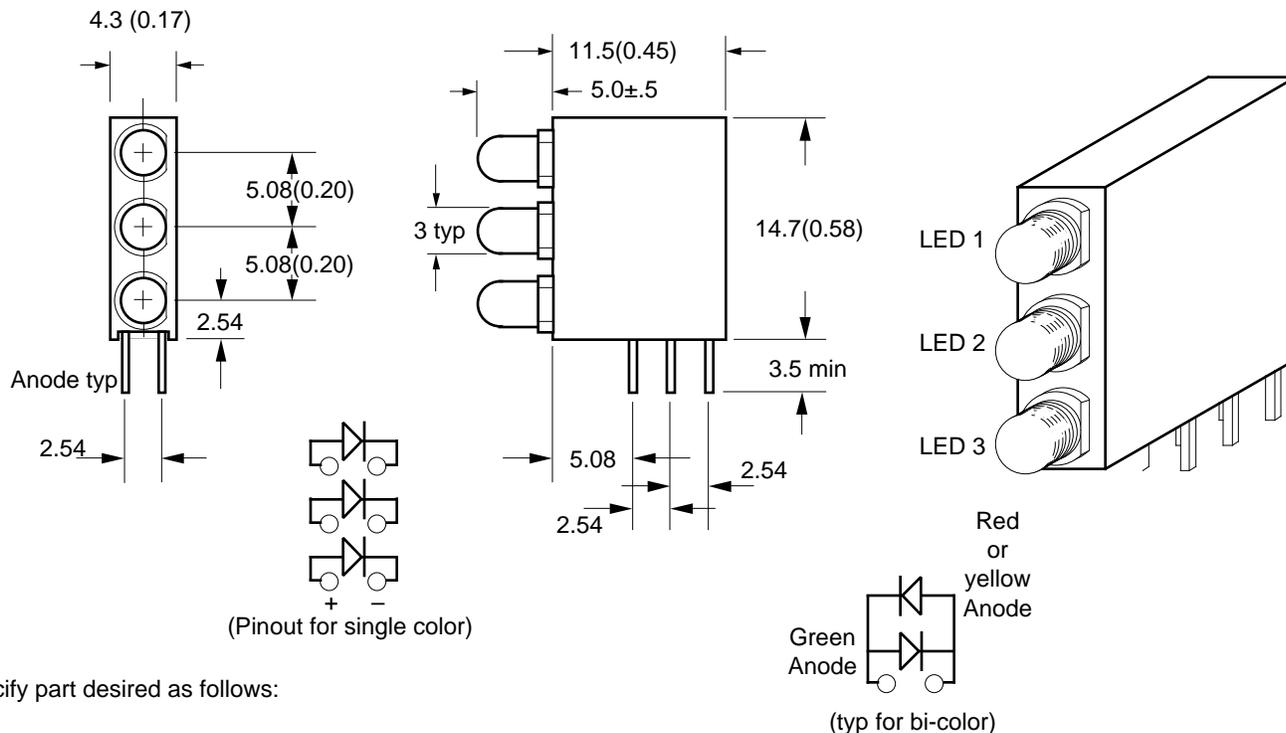


# T-1, (3-mm) Round, Tri-level PCB Mount LED Indicator, G83L Series



The G83L is a right-angle view assembly of 3 T-1 LEDs arranged in a column. This indicator array is designed to be the extension of the G78L. When used in conjunction with the G78L the two lower LEDs line up both vertically and horizontally with the two lamps in the latter. Recommended pitch is 4.4 mm(0.173") when a large number of units are placed side-by-side. That would allow intermixing 3-high and 2-high indicators on the same panel. This series can also be supplied with pinout reversed from that shown by adding "-RL" to the order code of the part number.



Specify part desired as follows:

**G83L/Order Code LED1 + Order Code LED 2 + Order Code LED 3**

For example: "**G83L/H+Y+G**" designates an assembly with a red LED on top, a yellow LED in the middle and a green LED on the bottom. "**G83L/(H+Y+G)-RL**" designates the same assembly with all 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 λ (nm)	Vf (V) @If=20mA	Iv (mcd) @If =10mA	2θ 1/2 (Deg)	
Tinted Diffused, Resistor Req'd	Red	H	697	2.1	1.6	40	5-10
	Hi Eff Red	I	635	2.0	4.5	40	10-20
	Green	G	565	2.1	4.5	40	10-20
	Yellow	Y	585	2.0	4.5	40	10-20
	Orange	O	610	2.0	4.5	40	10-20
Tinted Transparent, High Brightness	Red	HT	697	2.1	4.0	20	5-10
	Hi Eff Red	IT	635	2.0	11	20	10-20
	Green	GT	565	2.1	15	20	10-20
	Yellow	YT	585	2.0	10	20	10-20
	Orange	OT	610	2.0	10	20	10-20
Tinted Diffused, For 2mA Operation	Red	H2	697	2.0	1.2 @2mA	40	2-10
	Hi Eff Red	I2	635	2.1	1.4 @2mA	40	2-10
	Green	G2	565	2.0	1.2 @2mA	40	2-10
	Yellow	Y2	585	2.0	1.2 @2mA	40	2-10
Tinted Diffused, 5V Operation	Hi Eff Red	I5	635	-	4.5	40	5 V
	Green	G5	565	-	4.5	40	5 V
	Yellow	Y5	585	-	4.5	40	5 V
White Diffused, Bipolar, Bicolor	Red/Green	EG	635/565	2.1/2.0	2.5/2.5	54	10-20
	Yellow/Green	YG	585/565	2.1/2.0	2.5/2.5	54	10-20

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