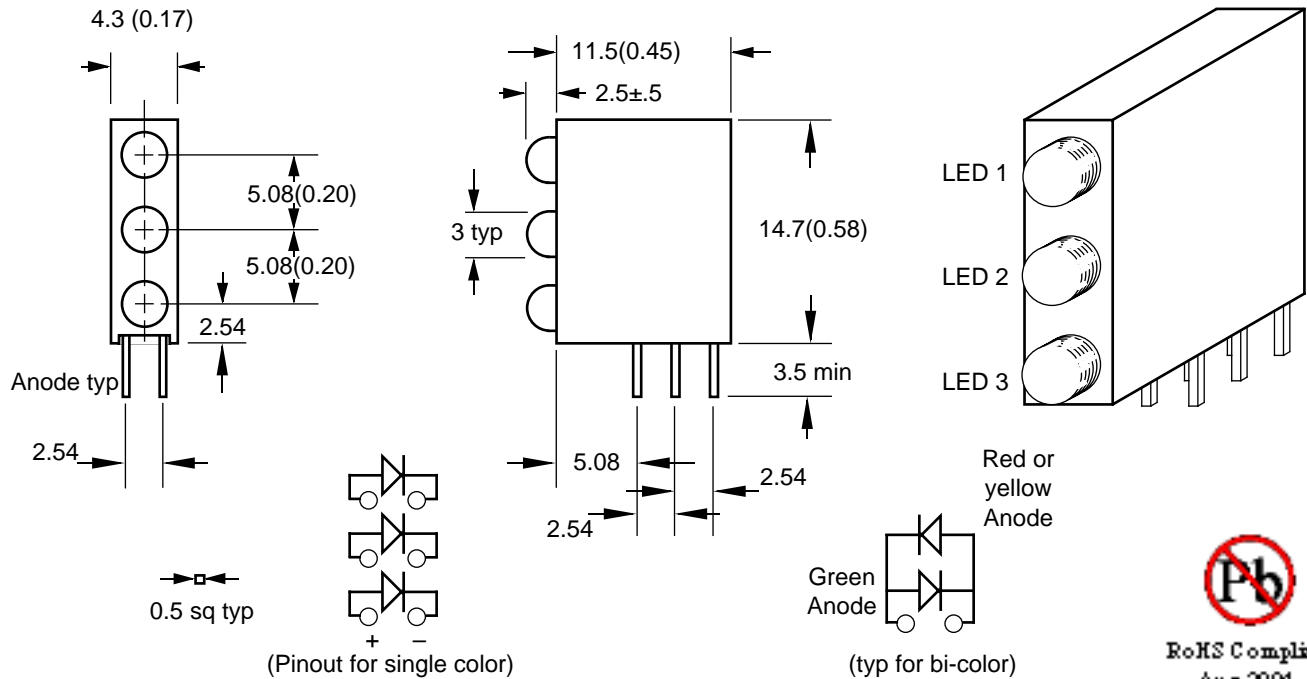


T-1, (3-mm) Round, Tri-level PCB Mount LED Indicator, J83B Series



The J83B is a right-angle view assembly of 3 T-1 LEDs arranged in a column and can be CMOS driven to save components. This indicator array is designed to be the extension of the J78B. When used in conjunction with the J78B 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:

J83B/Order Code LED1 + Order Code LED 2 + Order Code LED 3

For example: "J83B/H+Y+G" designates red LED on top, yellow LED in the middle and green LED on the bottom.

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= 2 mA	$2\Theta_{1/2}$ (Deg)	
Tinted Diffused	Red	I	639	1.8	4.0	50	2 - 10
	Green	G	575	1.7	2.5	60	2 - 10
	Yellow	Y	591	1.85	4.0	45	2 - 10

* 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 Catalog 995A