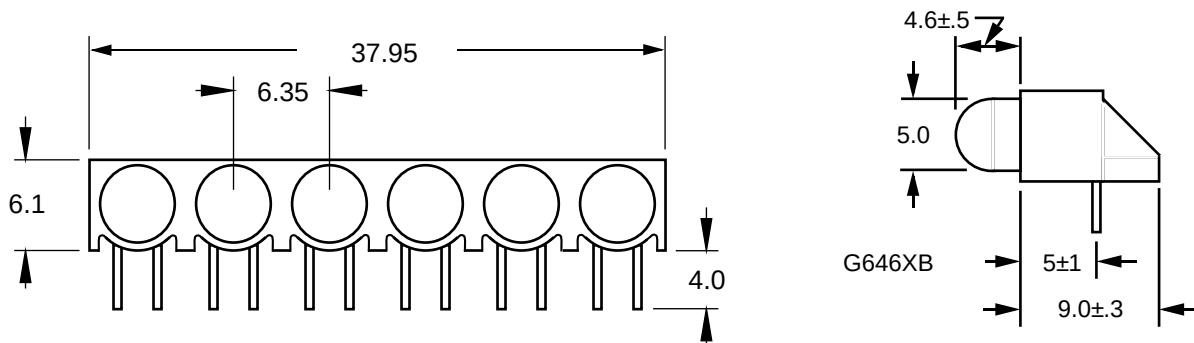


T-1-3/4, Right-Angle LED Assembly G646XB Series (with standoff)



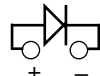
The G646XB series of right-angle indicators is made of a single unit with standoff for PCB cleaning. This series is available with leads cut to 4 mm as standard. The maximum array is 6 positions. By substituting the numeral 1 through 5 you may tailor the number of lamps in the array for your application. The series can be supplied with pinout reversed from that shown by adding "-RL" to the order code.



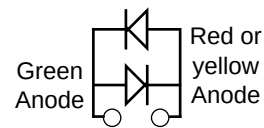
G646XB



RoHS Compliant
Aug 2004



(Pinout for single color)



(typ for bi-color)

Specify part desired as follows:

G646NB/Order Code1 + Order Code 2 + Order Code 3 + Order Code 4; where N = number of segments.

For example: "G6464B/I+3G" designates an assembly with 1 red LED on the left and 3 green LEDs to the right in an array with four lamps.

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	2 $\Theta_{1/2}$ (Deg)	
Tinted Diffused Resistor Required	Red	H	697	2.1	2.0	36	5-10
	Hi Eff Red	I	635	2.0	9.0	36	10-20
	Green	G	565	2.1	9.0	36	10-20
	Yellow	Y	585	2.0	7.0	36	10-20
Tinted Transparent High Brightness	Hi Eff Red	IT	635	2.0	30	16	10-20
	Green	GT	565	2.1	30	16	10-20
	Yellow	YT	585	2.0	28	16	10-20
Tinted Diffused For 2mA Operation	Red	H2	697	2.0	1.6 @ 2mA	36	2-10
	Hi Eff Red	I2	635	2.1	2.0 @ 2mA	36	2-10
	Green	G2	565	2.0	2.0 @ 2mA	36	2-10
	Yellow	Y2	585	2.0	2.0 @ 2mA	36	2-10
Tinted Diffused 5V Operation	Hi Eff Red	I5	635	-	4.5	36	5 V
	Green	G5	565	-	4.5	36	5 V
	Yellow	Y5	585	-	4.5	36	5 V
Tinted Diffused 12V Operation	Hi Eff Red	IB	635	-	4.5	36	12 V
	Green	GB	565	-	4.5	36	12 V
	Yellow	YB	585	-	4.5	36	12 V
White Diffused Bipolar, Bicolor	Hi Eff Red/Grn	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
	Red/Green	SG	660/570	1.8/2.2	6.0/2.5	-	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 Catalog 995A