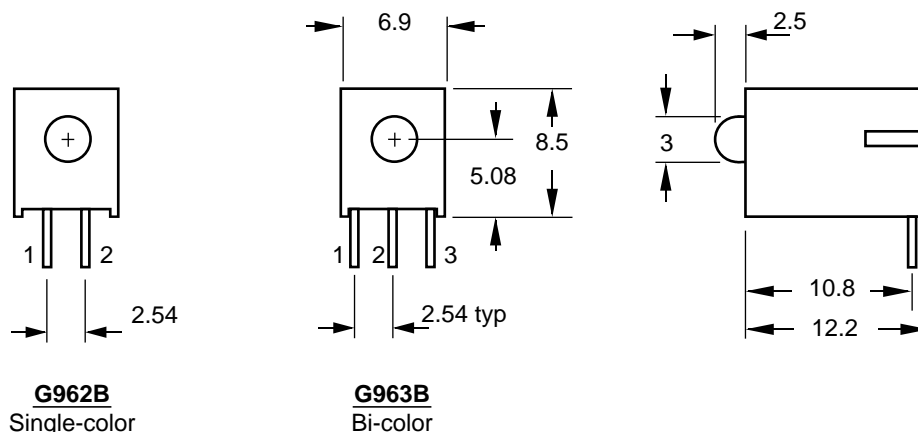


T-1 (3 mm) Round, Single- and Bi-color PCB Mount Right Angle LED Indicator, G96XB Series



The G96B right angle indicator is primarily designed to use the three-leaded bi-color LED lamp which has pins spaced on 2.54 mm centers in a single row. It has a wide stance and its length permits the front of the holder to protrude further from the edge of the PCB. In addition to those LEDs listed, any of IDEA's 2151 series of T-1 lamps can be used in this indicator. Standard 3-leaded bi-color lamps are common cathode.



LED Type

Tri-color—EG (Both chips on for amber)
Bi-color—YG
Single color—All listed

Connections

Pin 1	Pin 2	Pin 3
Red+	Common—	Grn+
Yel+	Common—	Grn+
Anode	Cathode	

Specify part desired as follows: (X = 2 for single color, tinted 2-leaded LEDs. X = 3 for 3-leaded

G96XB/Order Code

For example: "G963B/EG" designates an assembly with a red/green LED.

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	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	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
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
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. Dimensions are in mm±0.25 unless stated otherwise.

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Catalog 995A