

Features

- Extended housing eliminates bleed
- Housing material meets UL94V-0
- Narrow viewing angle
- Fast turn on/off time I.C. compatible
- Available in standard and special colors
- Diffused lens standard Clear illuminator optional
- Solid-State, high shock/vibration resistant
- Single color or Bicolor configurations
- LED Operating Life: 100,000+ hours (10+ years)

Custom Options

(for qualified applications)

- Sunlight Visible Ultrabrights
- Low current (2mA) LEDs
- Special colors: Orange, Cool White, Pure Green
- Infrareds 840nm, 880nm, 940nm

Part Number	Emitted Color	Lens Color/Type	Electrical-Optical Characteristics (Ta = 25°C)				View Angle 2θ _{1/2}	Figure
			I _f (mA)	I _v (mcd) typ	V _f (V) typ/max	λ _p (nm)		

T1 (3mm) Single-level Indicator LEDs

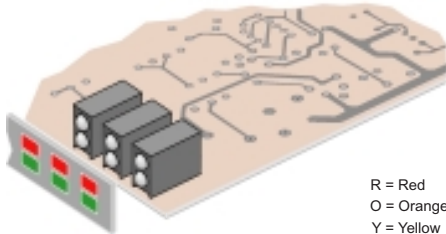
	PCS170TR5	RED	RED Diffused	20	40	1.8/2.4	635	50°	1
	PCS170TY5	YELLOW	YEL Diffused	20	60	1.8/2.4	585	50°	
	PCS170TG5	GREEN	GRN Diffused	20	70	1.8/2.4	565	50°	
	PCS170CR5	RED	RED Clear	10	100	2.0/2.8	635	25°	
	PCS170CY5	YELLOW	YEL Clear	10	90	2.1/2.8	585	25°	
	PCS170CG5	GREEN	GRN Clear	20	110	2.2/3.0	565	25°	
	PCS170TR3-5V	RED	RED Diffused	10	4.0	5.0/7.5	635	60°	
	PCS170TY3-5V	YELLOW	YEL Diffused	10	4.0	5.0/7.5	585	60°	
	PCS170TG3-5V	GREEN	GRN Diffused	12	4.0	5.0/7.5	565	60°	
	PCS170TRG4	RED	Milky White	20	6.0	2.0/2.8	635	120°	
		GREEN		20	6.0	2.1/2.8	568	120°	
	PCS170TWG4	YELLOW	Milky White	20	7.0	2.1/2.8	585	120°	
GREEN		20		6.0	2.1/2.8	568	120°		

T1 (3mm) Bi-level Indicator LEDs

	21PCS170TR5	RED	RED Diffused	20	40	1.8/2.4	635	50°	2
	21PCS170TY5	YELLOW	YEL Diffused	20	60	1.8/2.4	585	50°	
	21PCS170TG5	GREEN	GRN Diffused	20	70	1.8/2.4	565	50°	
	21PCS170CR5	RED	RED Clear	10	100	2.0/2.8	635	25°	
	21PCS170CY5	YELLOW	YEL Clear	10	90	2.1/2.8	585	25°	
	21PCS170CG5	GREEN	GRN Clear	20	110	2.2/3.0	565	25°	
	21PCS170TR3-5V	RED	RED Diffused	10	4.0	5.0/7.5	635	60°	
	21PCS170TY3-5V	YELLOW	YEL Diffused	10	4.0	5.0/7.5	585	60°	
	21PCS170TG3-5V	GREEN	GRN Diffused	12	4.0	5.0/7.5	565	60°	
	21PCS170TRG4	RED	Milky White	20	6.0	2.0/2.8	635	120°	
		GREEN		20	6.0	2.1/2.8	568	120°	
	21PCS170TWG4	YELLOW	Milky White	20	7.0	2.1/2.8	585	120°	
GREEN		20		6.0	2.1/2.8	568	120°		

Custom Options: OEM large quantity requirements

Examples of part number ordering code



- R = Red
- O = Orange
- Y = Yellow
- G = Green
- B = Blue

All LEDs same color

21PCS170TG5

No. of LEDs high: 21
No. of LEDs across: 1
Body style: T
LED color: G
Lens type: T = diffused

Mixed colors same type LED

21PCS170T5-Y/G

No. of LEDs high: 21
No. of LEDs across: 1
Body style: T
LED (1),(2) color: Y/G
Brightness code: 5
Lens type: T = diffused

All LEDs same Bi-color

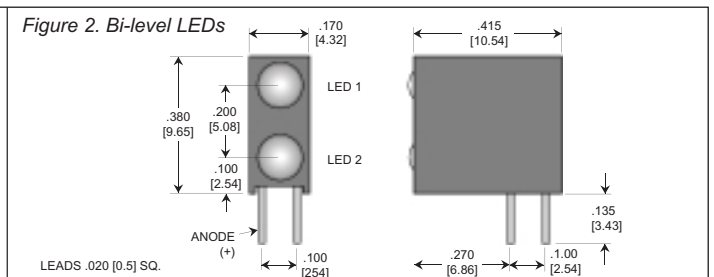
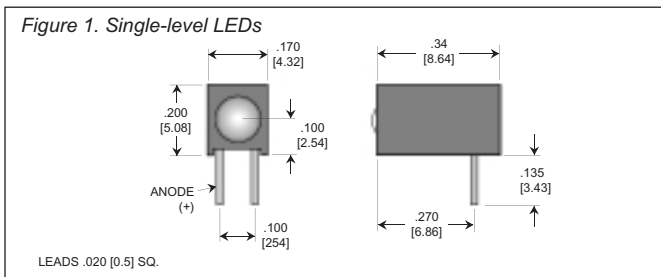
21PCS170TWG4

No. of LEDs high: 21
No. of LEDs across: 1
Body style: TW
LED color: G
Lens type: TW = Milky White

Mixed colors, 5V/12V Resistor LEDs

21PCS170T3-R/G-5V

No. of LEDs high: 21
No. of LEDs across: 1
Body style: T3
Resistor value: 5
LED (1),(2) color: R/G
Brightness code: 5
Lens type: T = diffused



Log # 125B pg1A Rev 07-2001