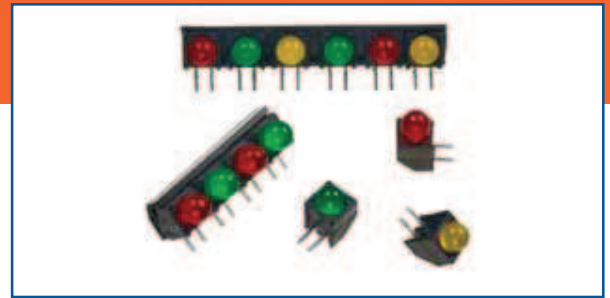


## Special Features

\*Patented

- Customized to your specifications without tooling charges
  - Variable LED spacing, minimum .245" (6.22 mm)
  - Maximum bar length 6.0" (152.4 mm)
- Available with 2 to 24 T1 3/4 LEDs in one convenient assembly
- Bar provides consistent alignment for multiple LED mounting
- Available in two LED configurations - direct cross to industry standard 5mm right angle LED
- Wave solderable and chemically cleanable
- Housing and bar material UL 94V-0 rated

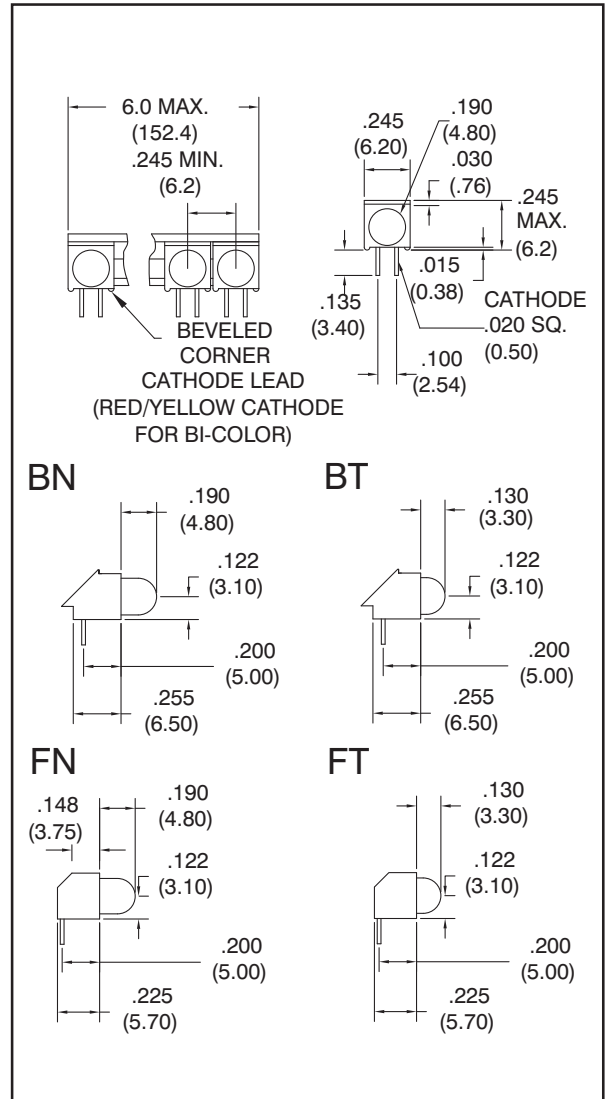


5mm PC Board Mount LEDs

## Electrical and Optical Characteristics (TA = 25°C)

LED Part #	Color	Luminous Intensity (mcd) Typ. @ I <sub>f</sub> (mA)	V <sub>f</sub> Typ. @ I <sub>f</sub> (mA)	Viewing Angle 2 θ 1/2	Peak Wavelength (nm)		
<b>HIGH EFFICIENCY</b>							
9102	Red	5.6	10	2.0	20	60°	635
9103	Green	5.6	10	2.2	20	60°	565
9104	Yellow	5.6	10	2.1	20	60°	585
9105	Orange	5.6	10	2.0	20	60°	630
<b>5 V INTERNAL RESISTOR</b>							
9124	Red	16.0	12	5.0	10	60°	625
9125	Yellow	16.0	12	5.0	10	50°	590
9126	Green	16.0	12	5.0	10	50°	565
<b>BICOLOR</b>							
9109	Red	38.0	20	2.0	20	60°	660
	Green	13.0	20	2.2	20		585
9128	Yellow	10.0	20	2.1	20	60°	590
	Green	25.0	20	2.2	20		565
<b>ULTRA BRIGHT - DAYLIGHT READABLE</b>							
9134	Green	148.0	20	2.1	20	60°	574
9135	Blue	198.0	20	3.3	20	60°	468
9136	Red	447.0	20	2.5	20	60°	650
9137	Yellow	397.0	20	2.0	20	60°	590
<b>BLINKING (Operates at 3.5V to 14V, blinking frequency from 3.0Hz to 1.5Hz)</b>							
4001	Red	248.0	22	5.0	22	60°	660
<b>LOW CURRENT</b>							
9121	Red	2.0	2	1.7	2	60°	625
9122	Yellow	2.0	2	1.85	2	60°	590
9123	Green	2.0	2	1.9	2	60°	565

## Package Dimensions



All dimensions are in inches (mm)

## How To Order

<p><b>Individual RA LEDs</b></p> <p>X X RA X - XXXX</p> <p>Bar mountable=B Flat style=F</p> <p>Configuration N=.19"(4.8) T=.13"(3.3)</p> <p>LED Color Red=R Yellow=Y Green=G Orange=O Blue=L Bicolor=B</p> <p>See LED Part#</p>		<p><b>Multiple RA LEDs on a Bar</b></p> <p>X B X RA X - XXXX - XXX</p> <p># of LEDs Per Bar</p> <p>Configuration N=.19"(4.8) T=.13"(3.3)</p> <p>LED Color R=Red Y=Yellow G=Green O=Orange L=Blue B=Bicolor M=Multiple</p> <p>LED Part# (Use MCOO for multiple colors)</p> <p>Center to Center Spacing of LEDs in inches (If spacing varies use SPL)</p>	
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