

Special Features

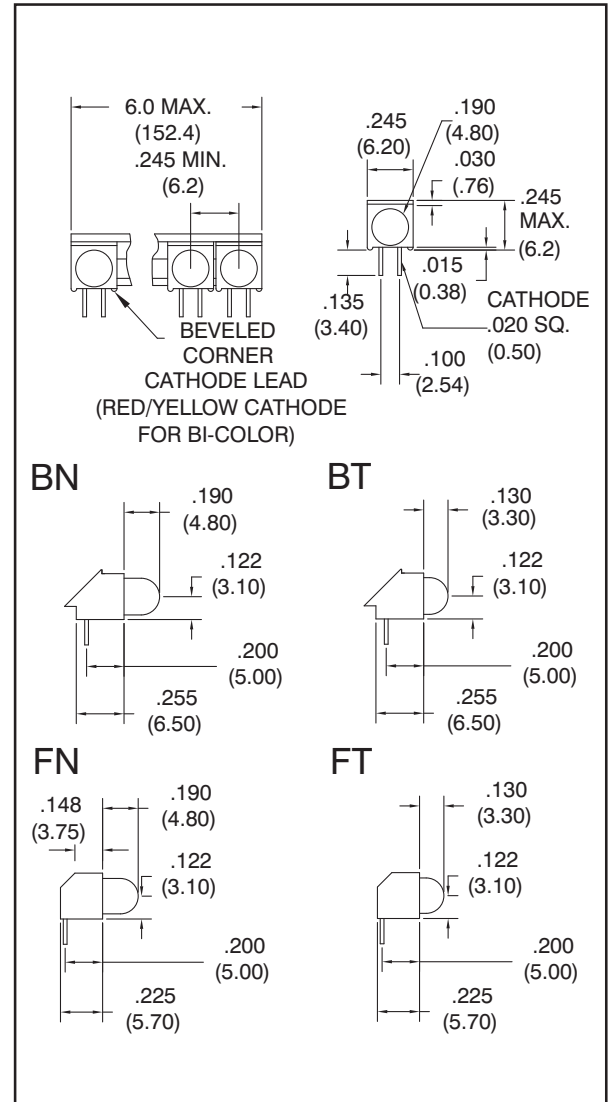
- Customized to your specifications without tooling charges
 - Variable LED spacing, minimum .245" (6.22 mm)
 - Maximum bar length 6.0" (152.4 mm)
- Available with 2 to 24 T1 3/4 LEDs in one convenient assembly
- Bar provides consistent alignment for multiple LED mounting
- Available in two LED configurations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

*Patented



5mm PC Board Mount LEDs

Package Dimensions



All dimensions are in inches (mm)

Electrical and Optical Characteristics (TA = 25°C)

LED Part #	Color	Luminous Intensity (mcd) Typ. @ I _f (mA)		V _f Typ. @ I _f (mA)		Viewing Angle 2θ 1/2	Peak Wavelength (nm)
HIGH EFFICIENCY							
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
5 V INTERNAL RESISTOR							
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
BICOLOR							
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
ULTRA BRIGHT - DAYLIGHT READABLE							
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
BLINKING (Operates at 3.5V to 14V, blinking frequency from 3.0Hz to 1.5Hz)							
4001	Red	248.0	22	5.0	22	60°	660
LOW CURRENT							
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

How To Order

Individual RA LEDs

X X RA X - XXXX

Bar mountable=B
Flat style=F

Configuration
N=.19"(4.8)
T=.13"(3.3)

LED Color
Red=R
Yellow=Y
Green=G
Orange=O
Blue=L
Bicolor=B

See LED Part#

Multiple RA LEDs on a Bar

X B X RA X - XXXX - XXX

of LEDs Per Bar

Configuration
N=.19"(4.8)
T=.13"(3.3)

LED Color
R=Red
Y=Yellow
G=Green
O=Orange
L=Blue
B=Bicolor
M=Multiple

LED Part# (Use MCOO for multiple colors)

Center to Center Spacing of LEDs in inches (If spacing varies use SPL)