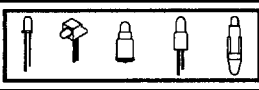


LED®

T1³/₄ (5mm) BLINKING/FLASHING LEDs

SERIES BKL200 RED/YELLOW/GREEN

FEATURES

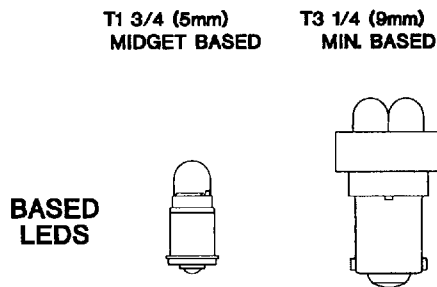
- STANDARD 1³/₄ SIZE PACKAGE
- PULSE RATE 2.2 Hz
- EASILY DRIVEN BY TTL & C-MOS CIRCUITS
- 1/4 DUTY CYCLE
- NO EXTERNAL CIRCUITRY NEEDED

LEDTRONICS PART NO.	LED COLOR	ABSOLUTE MAX. RATINGS $T_a=25^{\circ}\text{C}$		ELECTRO-OPTICAL CHARACTERISTICS $T_a=25^{\circ}\text{C}$				FIGURE
		T_{opr} $^{\circ}\text{C}$	V_f max	I_v (typ) mcd @ V	V_f min/typ/max	BLINK. FREQ. Hz @ V	λ_P nm	
T1$\frac{3}{4}$ (5mm) 5 VOLT BLINKING LED, CLEAR								
BKL200CWR6-3V	ULTRA RED	0 TO 70	15 VDC	200mcd @ 5V	3.0/5.0/15.0	2.2Hz @ 3V	660	1
T1$\frac{3}{4}$ (5mm) 5 VOLT BLINKING LED, DIFFUSED								
BKL200TR6-3V	ULTRA RED	0 TO 70	15 VDC	10.0mcd @ 5V	3.0/5.0/15.0	2.2Hz @ 3V	660	1
BKL200TR3-5V	HI-EFF. RED	0 TO 70	15 VDC	1.2mcd @ 3V	3.0/5.0/15.0	2.2Hz @ 3V	630	1
BKL200TR1-5V	GaP RED	0 TO 70	15 VDC	1.6mcd @ 5V	3.0/5.0/15.0	3.0Hz @ 5V	660	2
BKL200TY3-5V	YELLOW	0 TO 70	15 VDC	1.2mcd @ 3V	3.0/5.0/15.0	2.2Hz @ 3V	585	1
BKL200TG3-5V	GREEN	0 TO 70	15 VDC	1.2mcd @ 3V	3.0/5.0/15.0	2.2Hz @ 3V	565	1
T4 (10mm) 5 VOLT BLINKING LED, CLEAR								
BKL400CWR6-5V	ULTRA RED	0 TO 70	15 VDC	200mcd @ 5V	3.0/5.0/15.0	2.2Hz @ 3V	660	3
Tstg notes: -20°C TO +85°C								
Jctn/Cath Temp. 145°C/Watt Lead Soldering Temp. 260°C max., 5 sec 1/16" (1.6mm) from body								

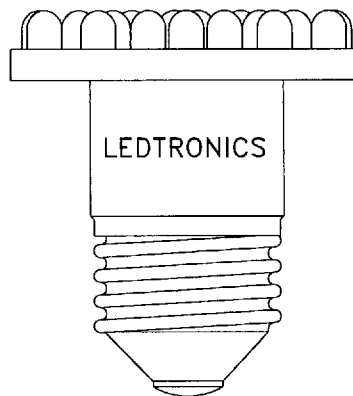
PACKAGES AVAILABLE

(SOME EXAMPLES)

MULTI LED CLUSTERS
AUTOMOTIVE & EDISON SCREW



BASED
LEDS

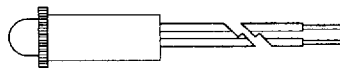
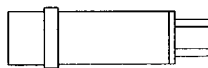


LEDTRONICS

BI-PIN
CARTRIDGE
LEDS

SNAP-IN
PANEL LEDS

PANEL
LEDS



MECHANICAL SPECIFICATIONS

Tol. .XXX=.005", .XX=.010"

FIG	"A" (O.D.) (mm)	"B" (mm)	"C" DIA. (mm)	"D" (mm)	"E" (mm)	"F" (mm)	"G" MIN. (mm)	"H" SQ. (mm)	"J" (mm)
1	.196 5(mm)	.340 8.6(mm)	.220 5.7(mm)	.040 1(mm)	1.00 25.4(mm)	.100 2.5(mm)	.04 1(mm)	.020 .5(mm)	
2	.196 5(mm)	.340 8.6(mm)	.220 5.7(mm)	.040 1(mm)	1.00 25.4(mm)	.100 2.5(mm)	.04 1(mm)	.020 .5(mm)	.485 12.3(mm)
3	.394 10(mm)	.531 13.5(mm)	.433 11(mm)	.080 2(mm)	1.00 25.4(mm)	.100 2.5(mm)	.04 1(mm)	.020 .5(mm)	

FIG. 1

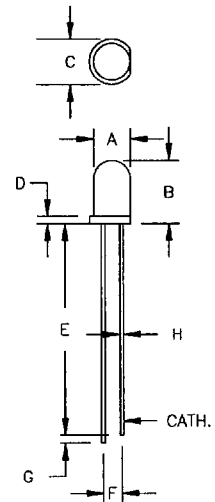


FIG. 2

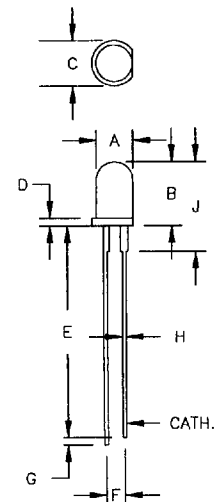
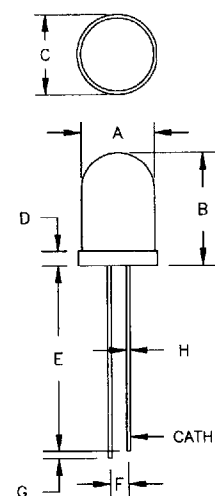


FIG. 3



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BLKLED1 06/94