



LEDTRONICS, Inc

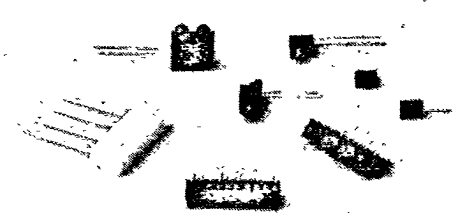
# RIGHT ANGLE MOUNT- DIFFUSED & CLEAR T1<sup>3</sup>/<sub>4</sub> (5mm) PC BOARD LEDs

Model PC190/200 HI-EFF/ULTRA/BICOLORS/RESIS

## FEATURES:

- \* RIGHT ANGLE MOUNT AT 0.25" CENTERS. SIDE STACKABLE
- \* CHOICE OF LEDS: STD RED, HI-EFFIC, ULTRA TO 3000MCD, 5 & 12VDC INTEGRATED RESISTOR, 5V BLINKING, BICOLOR
- \* 5 BRIGHT COLORS. DIFFUSED OR CLEAR ILLUMINATOR LENS
- \* LOW CURRENT 1mA TO SUNLIGHT VISIBLE ULTRA-BRIGHTS
- \* SOLID STATE RELIABILITY. IC COMPATIBLE
- \* IDEAL FOR CARD EDGE LOGIC/STATUS INDICATION, PC MOUNT
- \* PANEL INDICATORS, BACKLIGHTING, LEGEND ILLUMINATION

**SECOND SOURCES:** DIALIGHT (SERIES 550), IDI (Series 5380H), LEECRAFT, LUMEX, TEC, DATA DISPLAY ETC



### T1-3/4(5mm) STD/HI-EFFIC/ULTRA PCB LED

PART NO:

PC200 T R 4

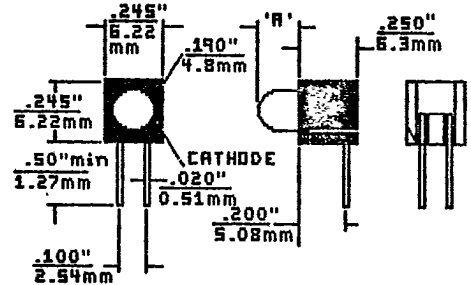
MODEL NO  
PC200 R=0.190"  
PC190 R=0.135"

LENS TYPE  
T=DIFFUSED  
C=CLEAR [HI.EFF.OONLY]  
CW=WATERCLEAR [ULTRA]

LED COLOR  
R=RED LY=LIME VEL  
O=ORANGE G=GREEN  
Y=YELLOW PG=PURE GRN

BRIGHTNESS CODE  
1=STD BRITE,RED ONLY  
650nm,G0RSP,1.7Vf  
2=HI BRITE,RED ONLY  
700nm,G0P,2Vf  
3=HI-EFFIC,ALL COLORS  
4=HI-EFFIC,ALL COLORS  
5=ULTRA, ALL COLORS  
6=HI-ULTRA,RED ONLY  
660nm,G0RIS,1.7Vf

Model PC190/200



R=0.19"/4.75mm [PC200]  
R=0.135"/3.2mm [PC190]

### T1-3/4(5mm) INTEGRATED RESISTOR PCB LED

PART NO:

PC200 T R 3 - 5V

MODEL NO  
PC200 R=0.190"

LENS TYPE  
T=DIFFUSED  
C=CLEAR [5V ONLY]

LED COLOR  
R=RED  
Y=YELLOW  
G=GREEN

DC VOLTS  
5VDC/13mA TYP  
12VDC/13mA TYP

BRIGHTNESS CODE  
1=STD BRITE,RED ONLY  
650nm,G0RSP,1.7Vf  
3=HI-EFFIC,ALL COLORS

**NOTES:**

- 1] FOR LEAD LENGTH OTHER THAN STANDARD, SPECIFY BY ADDING '-135' FOR 0.135" ETC AFTER PART NUMBER EG: PCT200TR4-135
- 2] SEE DISCRETE LED DATA FOR COMPLETE ELECTRO-OPTICAL SPECS. FOR DIFFUSED LEDS TYPICALLY: STD-BRITE 2mcd, HI-BRITE 3mcd, HI-EFFIC 5mcd, ULTRA 12mcd & HI-ULTRA 25mcd etc.

## GENERAL CROSS-REFERENCE (Partial list)

LEDTRONICS	DIALIGHT	HEWLETT PACKARD (HP)	INDUSTRIAL DEVICES IDI	LEECRAFT	LUMEX	DATA DISPLAY	REMARKS
PC200TR4	550-2405		5380H1			PCH200MR/SR	HI-EFF RED
PC200TV4	550-2305		5380H7			PCH200MA/BA	AMBER YELLOW
PC200TG4	550-2205		5380H5			PCH200MG/BG	HI-EFF GREEN
PC200TR1-5V	550-0505		5382H1-5V				5V RESIS RED
PC200TR3-5V			5382H1-5V				5V RESIS RED
PC200TV3-5V	550-0805		5382H3-5V				5V RESIS YELLOW
PC200TG3-5V	550-0705		5382H5-5V				5V RESIS GREEN
PC200TR1-12V	550-0505						12V RESIS RED
PC190TR1	550-0405		5380E1			PCH190-R	
PC190TV3	550-0305		5380E7				
PC190TG3	550-0205		5380E5				

## Specials

- \* SUNLIGHT VISIBLE GaAlAs ULTRA REDS 3K/900mcd
- \* BICOLORS, TRI-COLORS 2 & 3 LEAD \* BIPOLAR 2 LEAD
- \* BLINKING 5VDC WITH IC \* LOW CURRENT 1mA \* CUSTOM

**T1-3/4(5mm) LOW CURRENT 2mA PCB LEDs**

PART NO:

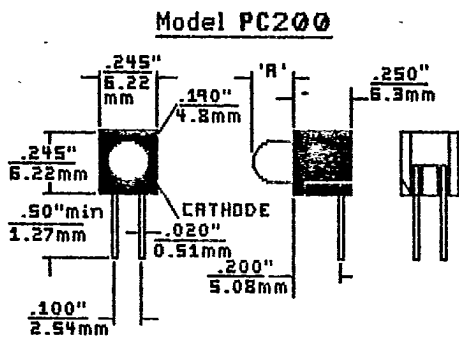
PC200 T R 5A

MODEL NO  
PC200

**BRIGHTNESS CODE**  
5A=LOW COST ULTRA  
5=ULTRA, ALL COLORS  
6=HI-ULTRA, RED ONLY  
660nm, 60ARIAs, 1.7Vf

**LENS TYPE**  
T=DIFFUSED  
CW=WATER CLEAR  
[ULTRA ONLY]

**LED COLOR**  
R=RED LY=LIME YELLOW  
O=ORANGE G=GREEN  
Y=YELLOW PG=PURE GREEN



R=0.19"/4.75mm [PC200]

- NOTES:**
- 1] FOR LEAD LENGTH OTHER THAN STANDARD, SPECIFY BY ADDING '-135' FOR 0.135" ETC AFTER PART NUMBER EG: PCT200TR4-135
  - 2] SEE DISCRETE LED DATA FOR COMPLETE ELECTRO-OPTICAL SPECS. FOR DIFFUSED LEOS TYPICALLY: STD-BRITE 2mcd, HI-BRITE 3mcd, HI-EFFIC 5mcd, ULTRA 12mcd & HI-ULTRA 25mcd etc.

**T1-3/4(5mm) SUNLIGHT VISIBLE ULTRA PCBs**

PART NO:

PC200 T R 5A

MODEL NO  
PC200

**BRIGHTNESS CODE**  
5A=LOW COST ULTRA  
5=ULTRA, ALL COLORS  
6=HI-ULTRA, RED ONLY  
660nm, 60ARIAs, 1.7Vf

**LENS TYPE**  
T=DIFFUSED  
CW=WATER CLEAR  
[ULTRA ONLY]

**LED COLOR**  
R=RED LY=LIME YELLOW  
O=ORANGE G=GREEN  
Y=YELLOW PG=PURE GREEN

**T1-3/4(5mm) BICOLOR 2 LEADED PCB LEDs**

PART NO:

PC200 TW RG 1

MODEL NO  
PC200

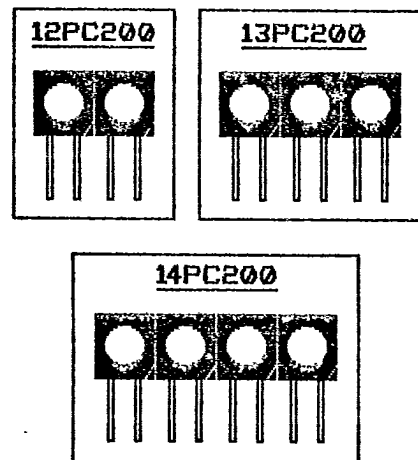
**BRIGHTNESS CODE**  
1=STD RED/GREEN  
3=HI-EFF RED/GREEN  
4=ULTRA RED/HI-EFF GRN

**LENS TYPE**  
TW=TRANSLUCENT  
WHITE

**LED COLOR**  
RG=RED/GREEN

3 Leaded Tri-State Bicolors available in RED/GREEN or YELLOW/GREEN. RED/GREEN available in common anode & common anode. Call factory for ordering information.

**ARRAYS**



SAME OR MIX COLOR IN SAME ARRAY AVAILABLE. CALL FACTORY FOR COMPLETE PART NUMBER INFORMATION

**GENERAL CROSS-REFERENCE (Partial list)**

LEDTRONICS	DIALIGHT	INDUSTRIAL DEVICES	DATA DISPLAY	REMARKS
PC200TR6	550-5105		PCH200ER	RED ULTRA 2mA, 660nm
PC200TR5A		5380H1-LC		LOW COST ULTRA RED, 639nm
PC200TR6	550-5405		PCH200ED	ORANGE ULTRA, 605nm
PC200TR5/5A		5380H7-LC	PCH200ER	AMBER ULTRA, 585nm
PC200TLV5	550-5305		PCH200EV	LIME YELLOW ULTRA, 570nm
PC200TGV5				GREEN ULTRA, 565nm
PC200TGV5	550-5205		PCH200EG	DEEP GREEN ULTRA, 555nm
PC200CWRE	550-5505	5388H1	PCH200EER	RED CLEAR ULTRA, 660nm
PC200CWRE				RED CLEAR ULTRA, 635nm
PC200CWRE	550-5805		PCH200EED	ORANGE CLEAR ULTRA, 605nm
PC200CWRE		5388H5	PCH200EER	AMBER CLEAR ULTRA, 585nm
PC200CWLV5	550-5705	5388H7	PCH200EEV	LIME VEL CLEAR ULTRA, 570
PC200CWG5				GREEN CLEAR ULTRA, 565nm
PC200CWG5	550-5605	5388H5	PCH200EEG	DEEP GREEN ULTRA, 555nm
PC200TWRG1	550-3005	5310B5/5		BICOLOR RED/GREEN, 2 LEAD

**Specials:** \* 3000mcd Narrow Beam or 900mcd Wide angle Ultra Reds  
 \* Blinking 5vdc with Built-in Integrated Circuit  
 \* 2, 3 & 4 LED PCB Arrays  
 \* 2-LED Piggybacks and Multi-LED Piggyback Arrays