

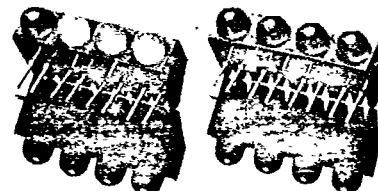
LEDTRONICS, Inc

# INTERLOCKING RIGHT ANGLE MOUNT T1<sup>3/4</sup> (5mm) PC BOARD LEDs

Model PCT200-SI HI-EFF/ULTRA/BICOLORS/RESIS

## FEATURES:

- \* INTERLOCKING SINGLE OR MULTIPLE LED PCB ARRAYS
- \* 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), HP (Series HLMP5000)  
IDI (Series 5300H), LEECRAFT, LUMEX, TEC, DATA DISPLAY ETC

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

PART NO:

PCT200 T R 4 - SI

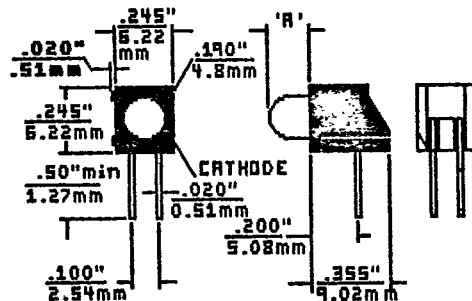
**MODEL NO**  
PCT200 R=0.190"  
PCT190 R=0.135"

**LENS TYPE**  
T=DIFFUSED  
C=CLEAR [HI-EFF. ONLY]  
CW=WATERCLEAR [ULTRA]

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

**BRIGHTNESS CODE**  
1=STD BRITE, RED ONLY  
650nm, GaAsP, 1.7Vf  
2=HI BRITE, RED ONLY  
700nm, GaP, 2Vf  
3=HI-EFFIC, ALL COLORS  
4=HI-EFFIC, ALL COLORS  
5=ULTRA, ALL COLORS  
6=HI-ULTRA, RED ONLY  
650nm, GaAlAs, 1.7Vf

Model PCT190/200



R=0.19"/4.75mm [PCT200]  
R=0.135"/3.2mm [PCT190]

**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 6mcd, ULTRA 12mcd & HI-ULTRA 25mcd etc.

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

PART NO:

PCT200 T R 3 - 5V - SI

**MODEL NO**  
PCT200 R=0.190"

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

**LED COLOR**  
R=RED  
Y=YELLOW  
G=GREEN

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

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

**MIX COLOR ARRAY** Part No. 15PCT200T4-2R1Y2G (Example)

**BICOLOR** Part No. PCT200TW4-RG/BG-SI (Example)

**BIPOLAR** Part No. PCT200T3-RR/BP-SI (Example)

## MULTIPLE ARRAYS

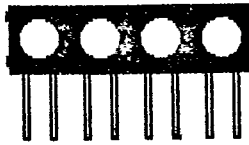
12PCT200-SI



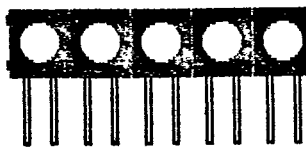
13PCT200-SI



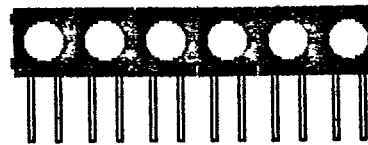
14PCT200-SI



15PCT200-SI



16PCT200-SI



## Specials

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