



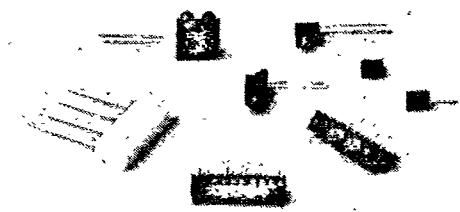
LEDTRONICS, Inc

RIGHT ANGLE MOUNT- DIFFUSED & CLEAR T1^{3/4} (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

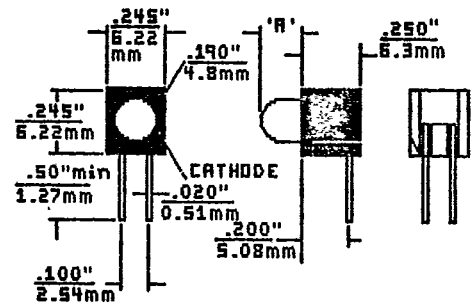
MODEL NO
PC200 R=0.190"
PC190 R=0.135"

LENS TYPE
T=DIFFUSED
C=CLERR [HI.EFF.ONLY]
CW=WATERCLEAR [ULTRA]

LED COLOR
R=RED LV=LIME YEL
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,GaAsP,1.7Vf

Model PC190/200



R=0.190"/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=CLERR [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,GaAsP,1.7Vf
3=HI-EFFIC,ALL COLORS

NOTES:

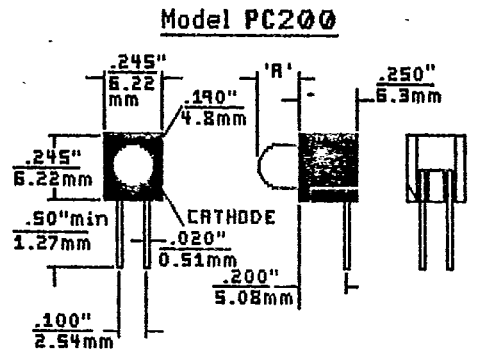
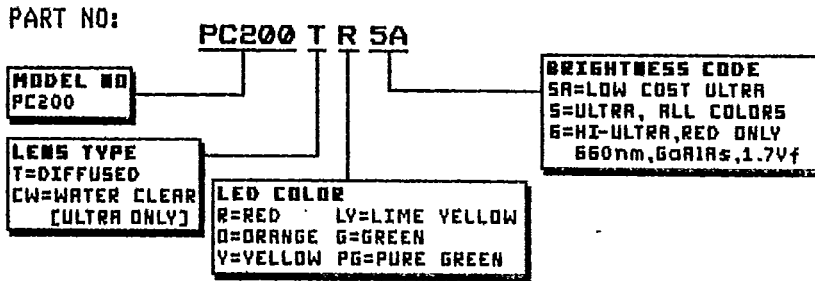
- 1] FOR LEAD LENGTH OTHER THAN STANDARD, SPECIFY BY ADDING '-135' FOR 0.135" ETC AFTER PART NUMBER EG: PCT200TR4-135
- 2] SEE DISCRETE LED DATA FOR COMPLETE ELECTRO-OPTICAL SPECS. FOR DIFFUSED LEDS TYPICALLY: STD-BRITE 2med, HI-BRITE 3med, HI-EFFIC 6med, ULTRA 12med & HI-ULTRA 25med etc.

GENERAL CROSS-REFERENCE (Partial list)

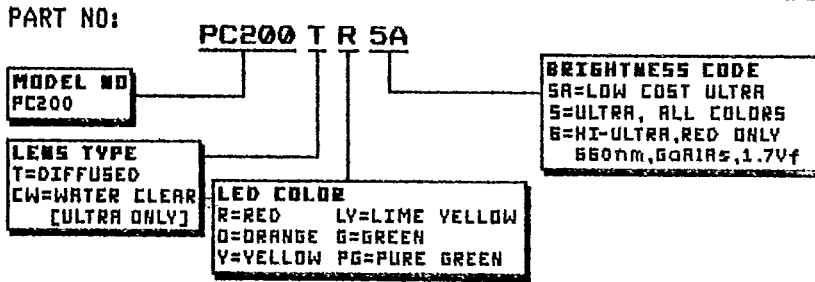
LEDTRONICS	DIALIGHT	HEWLETT PACKARD (HP)	INDUSTRIAL DEVICES IDI	LEECRAFT	LUMEX	DATA DISPLAY	REMARKS
PC200TR4	550-2405		5380H1			PCH200MR/BR	HI-EFF RED
PC200TV4	550-2305		5380H7			PCH200MR/BR	AMBER YELLOW
PC200TG4	550-2205		5380H5			PCH200MG/BG	HI-EFF GREEN
PC200TR1-5V	550-0505		5382H1-5V				5V RESIS RED
PC200TR3-5V			5382HI-5V				5V RESIS RED
PC200TV3-5V	550-0805		5382HE-5V				5V RESIS YELLOW
PC200TG3-5V	550-0705		5382HS-5V				5V RESIS GREEN
PC200TR1-12V	550-0605						12V RESIS RED
PC190TR1	550-0405		5380E1			PCH190-R	
PC190TV1	550-0305		5380E7				
PC190TG1	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



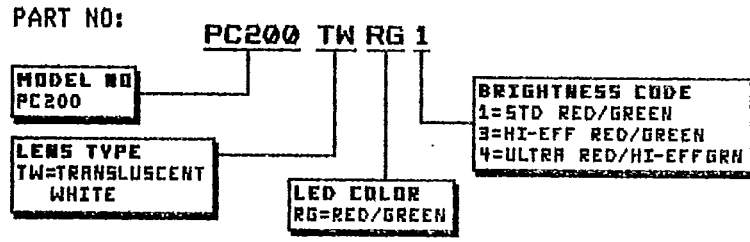
T1-3/4 (5mm) SUNLIGHT VISIBLE ULTRA PCBs



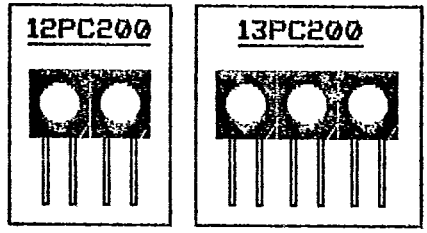
R=0.19"/4.75mm [PC200]

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

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



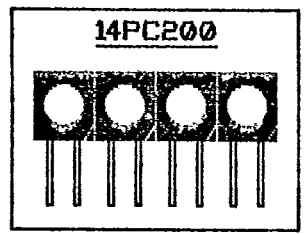
ARRAYS



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.

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, 665nm
PC200T05	550-5405		PCH200E0	ORANGE ULTRA, 605nm
PC200TR5/5A		5380H7-LC	PCH200E8	AMBER ULTRA, 585nm
PC200TLV5	550-5305		PCH200EY	LIME YELLOW ULTRA, 570nm
PC200T65A				GREEN ULTRA, 565nm
PC200TD65	550-5205		PCH200E6	DEEP GREEN ULTRA, 555nm
PC200CW6	550-5505	5388H1	PCH200ECR	RED CLEAR ULTRA, 660nm
PC200CW5				RED CLEAR ULTRA, 635nm
PC200CW05	550-5805		PCH200E00	ORANGE CLEAR ULTRA, 605nm
PC200CW65		5388H3	PCH200E0A	AMBER CLEAR ULTRA, 585nm
PC200CWL5	550-5705	5388H7	PCH200E0V	LIME YEL CLEAR ULTRA, 570
PC200CW65				GREEN CLEAR ULTRA, 565nm
PC200CW05	550-5605	5388H5	PCH200E0G	DEEP GREEN ULTRA, 555nm
PC200TRG1	550-3005	5380H1/5		BICOLOR RED/GREEN, 2 LEAD



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

- 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