



LEDTRONICS, Inc

VERTICAL MOUNT- DIFFUSED & CLEAR T1³/₄ (5mm) PC BOARD LEDs

Model PCV190/200 HI-EFF/ULTRA/BICOLORS/RESIS

FEATURES:

- * VERTICAL MOUNTING 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 5381H), LEECRAFT, LUMEX, TEC, DATA DISPLAY ETC



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

PART NO:

PCV200 T R 4- IL

MODEL NO
PCV200 R=0.190"
PCV190 R=0.135"

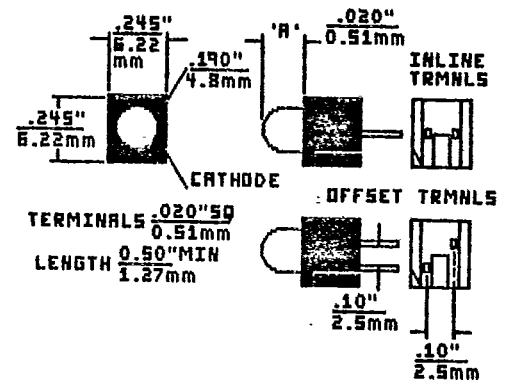
IL=INLINE TRMNLs
OS=OFFSET TRMNLs

BRIGHTNESS CODE
1=STD BRITE, RED ONLY
550nm, 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
550nm, GaAlAs, 1.7Vf

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

Model PCV190/200



TERMINALS .020"±.59
0.51mm
LENGTH 0.50" MIN
1.27mm

R=0.19"/4.75mm [PCV200]
R=0.135"/3.2mm [PCV190]

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

PART NO:

PCV200 T R 3- 5V- IL

MODEL NO
PCV200 R=0.190"

IL=INLINE TRMNLs
OS=OFFSET TRMNLs

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

LED COLOR
R=RED
Y=YELLOW
G=GREEN

BRIGHTNESS CODE
1=STD BRITE, RED ONLY
550nm, GaAsP, 1.7Vf
3=HI-EFFIC, ALL COLORS

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

- NOTES:**
- 1] FOR LEAD LENGTH OTHER THAN STANDARD, SPECIFY BY ADDING '-135' FOR 0.135" ETC AFTER PART NUMBER EG: PCV200TR4-135
 - 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.

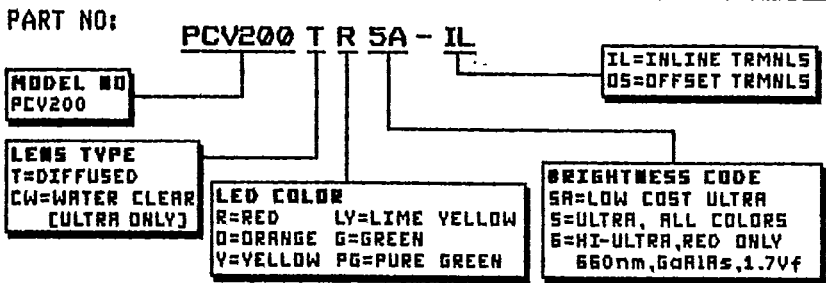
GENERAL CROSS-REFERENCE (Partial list)

LEDTRONICS	DIALIGHT	INDUSTRIAL DEVICES IDI	DATA DISPLAY	REMARKS
PCV200TR4-05	550-2404	5381H1	PCV200MR/BR	HI-EFF RED
PCV200TY4-05	550-2304	5381H7	PCV200MR/BR	AMBER YELLOW
PCV200TG4-05	550-2204	5381H5	PCV200MG/8G	HI-EFF GREEN
PCV200TR1-5V-05	550-0504			5V RESIS RED
PCV200TR3-5V-05				5V RESIS RED
PCV200TY3-5V-05	550-0804			5V RESIS RED
PCV200TG3-5V-05	550-0704			5V RESIS YELLOW
PCV200TR1-12V	550-0504			5V RESIS GREEN
PCV190TR1-05	550-0404	5381E1	PCV190-R	12V RESIS RED
PCV190TY3-05	550-0304	5381E7		
PCV190TG3-05	550-0204	5381E5		

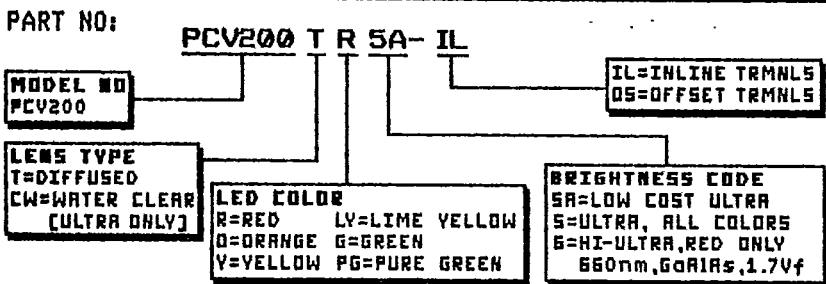
Specials

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

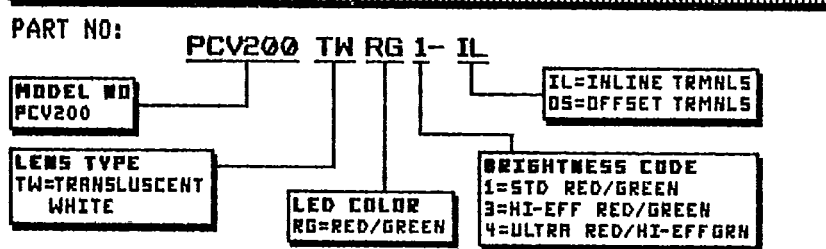
T1-3/4 (5mm) LOW CURRENT 2mA PCB LEDs



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



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

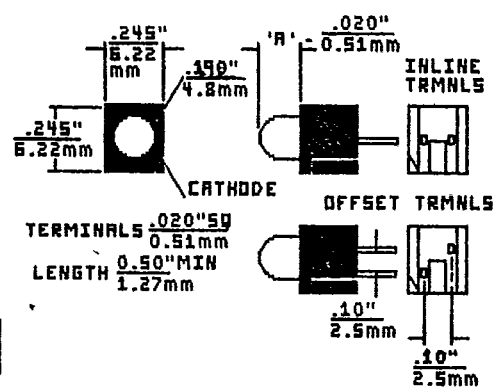


3 Leaded Tri-State Bicolors available in RED/GREEN or YELLOW/GREEN. RED/GREEN available in common anode & common anode. Call factory for ordering information.

GENERAL CROSS-REFERENCE (Partial list)

LEDTRONICS	DIALIGHT	DATA DISPLAY	REMARKS
PCV200TR6	550-5104	PCV200ER	RED ULTRA 2mA, 660nm
PCV200TR5A			LOW COST ULTRA RED, 635nm
PCV200TOS	550-5404	PCV200EO	ORANGE ULTRA, 605nm
PCV200TR5/5A		PCV200EA	AMBER ULTRA, 585nm
PCV200TLV5	550-5304	PCV200EV	LIME YELLOW ULTRA, 570nm
PCV200TGS			GREEN ULTRA, 565nm
PCV200TDS	550-5204	PCV200EG	DEEP GREEN ULTRA, 555nm
PCV200CWR6	550-5504	PCV200ECR	RED CLEAR ULTRA, 660nm
PCV200CWR5			RED CLEAR ULTRA, 635nm
PCV200CWD5	550-5804	PCV200ECO	ORANGE CLEAR ULTRA, 605nm
PCV200CWR5		PCV200ECA	AMBER CLEAR ULTRA, 585nm
PCV200CWL5	550-5704	PCV200ECV	LIME YEL CLEAR ULTRA, 570
PCV200CW5			GREEN CLEAR ULTRA, 565nm
PCV200CWD5	550-5604	PCV200ECG	DEEP GREEN ULTRA, 555nm
PCV200TWRG1	550-3004		BICOLOR RED/GREEN, 2 LEAD

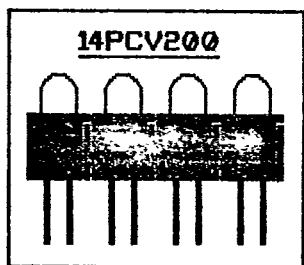
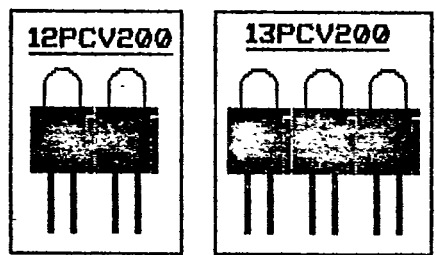
Model PCV200



R=0.19"/4.75mm [PCV200]

- 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.

ARRAYS



SAME OR MIX COLORS IN SAME ARRAY. CALL FACTORY FOR P/N

Specials:

- * 3000mcd Narrow Beam or 900mcd Wide angle Ultra Reds
- * Blinking 5vdc with Built-in Integrated Circuit
- * 2, 3 & 4 LED PCB Arrays
- * Infrareds * Flat-Top Cylindrical LEDs