

# T1<sup>3</sup>/<sub>4</sub> (5mm) PC BOARD LEDs

DIFFUSED, CLEAR & WATER CLEAR

PART NO: **PCT200 TR5-**

MODEL	LENS, COLOR, BRIGHT	LED COLOR	LED SPECS USED	ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C Ir=100µA(MAX)				FEATURES
				If typ	Iv mcd min/typ	Vf typ/max	λ P nm	

## T1-3/4 (5mm) RT. ANGLE & VERTICAL DIFFUSED INDICATOR PCB LEDs

MODEL	LENS, COLOR, BRIGHT	LED COLOR	LED SPECS USED	If typ	Iv mcd min/typ	Vf typ/max	λ P nm	FEATURES
PC190	TR1	STD RED	L200TR1	20	0.6/1.5	1.7/2.2	655	STD PRODUCT LEAVE BLANK SI= SNAP IN OS=OFFSET LEADS 140=LEADS CUT .140 UNDER PLASTIC CASE HT=HI-TEMP PLASTIC CASE SO=STAND OFF
PC200	TR5 (A)	HI-EFF RED	L200TR5A	20	12/38	2.0/2.8	635	
PCT190	TR6	ULTRA RED	L200TR6A	20	19/60	1.8/2.4	660	
PCT200	TO5 (A)	ORANGE	L200TO5A	20	16/24	2.2/2.5	610	
PCV190	TY3K	3Kmcdd YELLOW	L200TY3K	20	130/400	1.9/2.8	590	
PCV200	TY5 (A)	AMBER YELLOW	L200TY5A	20	8/25	2.1/2.8	585	
PCT220	TY5	LIME YELLOW	L200TY5S	20	30/45	2.1/2.5	570	
PCT230	TC5 (A)	HI-EFF GREEN	L200TC5A	20	8/25	2.1/2.8	565	
PCT240	TPG5 (A)	PURE GREEN	L200TPG5A	20	8/12	2.2/2.5	555	
	TB4	BLUE	L200TB4	20	4/8	2.9/3.7	470	

## T1-3/4 (5mm) RT. ANGLE & VERTICAL CLEAR ILLUMINATOR PCB LEDs

MODEL	LENS, COLOR, BRIGHT	LED COLOR	LED SPECS USED	If typ	Iv mcd min/typ	Vf typ/max	λ P nm	FEATURES
PC190	CWR6	ULTRA RED	L200CWR6	20	80/160	1.7/2.0	660	STD PRODUCT LEAVE BLANK SI= SNAP IN OS=OFFSET LEADS 140=LEADS CUT .140 UNDER PLASTIC CASE HT=HI-TEMP PLASTIC CASE SO=STAND OFF
PC200	CWR5 (A)	HI-EFF RED	L200CWR5A	20	10/40	2.2/3.0	635	
PCT190	CR5 (A)	HI-EFF RED	L200CR5A	20	10/40	2.0/2.8	635	
PCT200	CW05 (A)	ORANGE	L200CW05A	20	60/90	2.2/2.5	610	
PCV190	CWY3K	3Kmcdd YELLOW	L200CWY3K	20	850/2.5K	1.9/2.6	590	
PCV200	CWY5 (A)	AMBER YELLOW	L200CWY5A	20	80/160	2.2/3.0	585	
PCT220	CY5 (A)	AMBER YELLOW	L200CY5A	20	10/40	2.1/2.8	585	
PCT230	CWLY5S	LIME YELLOW	L200CWLY5S	20	80/160	2.1/2.5	570	
PCT240	CWG6	ULTRA GREEN	L200CWG6	20	320/700	2.1/2.8	565	
	CWG5 (A)	HI-EFF GREEN	L200CWG5A	20	80/120	2.1/2.8	565	
	CG5 (A)	HI-EFF GREEN	L200CG5A	20	10/40	2.1/2.8	565	
	CWPG5(A)	PURE GREEN	L200CWPG5A	20	50/80	2.1/2.5	555	
	CPG6S	PURE GREEN	L200CPG6S	20	100/150	2.1/2.8	555	
	CWB5	BLUE	L200CWB5	20	15/25	3.2/3.7	470	

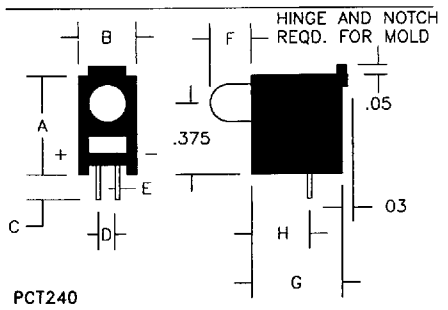
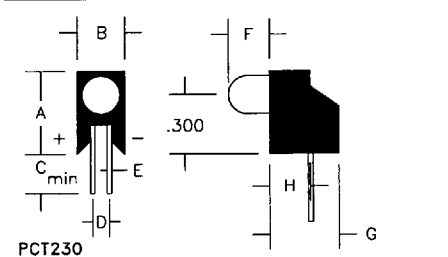
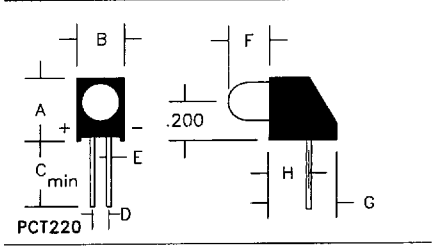
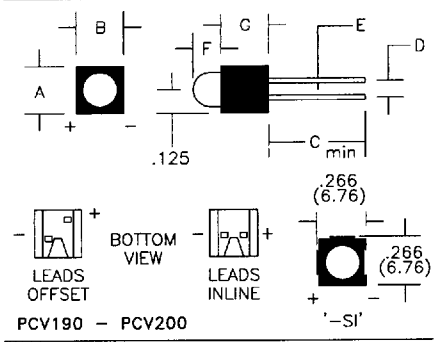
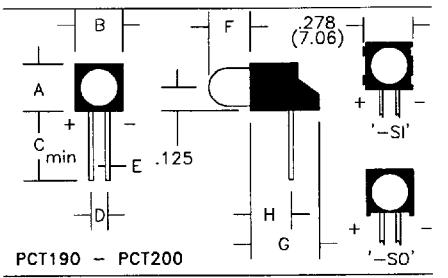
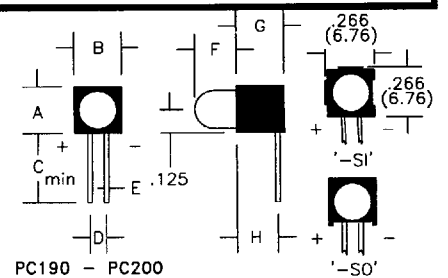
### SPECIALS:

- 5V & 12V INTEGRATED RESISTOR LEDs
- BLINKING/FLASHING LEDs
- LOW CURRENT 2mA LEDs
- BICOLOR/TRICOLOR LEDs
- (6-CHIP) WIDE ANGLE ILLUMINATORS
- SURFACE MOUNT PCBs W/HI-TEMP CASE
- INFRARED LEDs
- MULTIPLE LED ARRAYS

TX5A & CX5A DIRECTLY REPLACES TX5 & CX5

### MECHANICAL SPECIFICATIONS

MODEL	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)
PC190	.248" (6.30)	.248" (6.30)	.500" (12.7)	.100" (2.54)	.020" (0.51)	.135" (3.43)	.248" (6.30)	.200" (5.08)
PC200	.248" (6.30)	.248" (6.30)	.500" (12.7)	.100" (2.54)	.020" (0.51)	.190" (4.83)	.248" (6.30)	.200" (5.08)
PCT190	.248" (6.30)	.248" (6.30)	.500" (12.7)	.100" (2.54)	.020" (0.51)	.135" (3.43)	.355" (9.02)	.200" (5.08)
PCT200	.248" (6.230)	.248" (6.30)	.500" (12.7)	.100" (2.54)	.020" (0.51)	.187" (4.75)	.355" (9.02)	.200" (5.08)
PCV190	.248" (6.30)	.248" (6.30)	.500" (12.7)	.100" (2.54)	.020" (0.51)	.135" (3.43)	.248" (6.30)	—
PCV200	.248" (6.30)	.248" (6.30)	.500" (12.7)	.100" (2.54)	.020" (0.51)	.190" (4.83)	.248" (6.30)	—
PCT220	.324" (8.23)	.245" (6.22)	.500" (12.7)	.100" (2.54)	.020" (0.51)	.190" (4.83)	.356" (9.04)	.200" (5.08)
PCT230	.430" (10.92)	.245" (6.22)	.500" (12.7)	.100" (2.54)	.020" (0.51)	.210" (5.33)	.360" (9.14)	.200" (5.08)
PCT240	.520" (13.20)	.300" (7.62)	.500" (12.7)	.100" (2.54)	.020" (0.51)	.230" (5.84)	.470" (11.94)	.300" (7.62)



HOUSING MATL: NYLON OR VALOX, UL94VO  
COLOR: BLACK