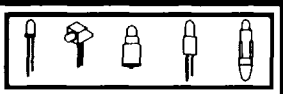


# LED®



## T1<sup>3/4</sup> (5mm) MULTICHIP PCB LEDs 6-CHIP 160° EXTRA WIDE ANGLE ILLUMINATORS

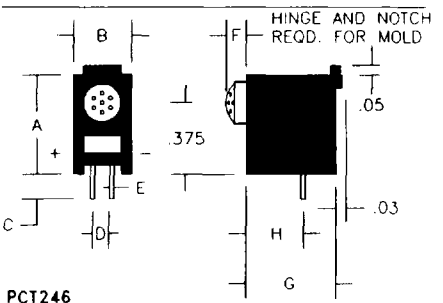
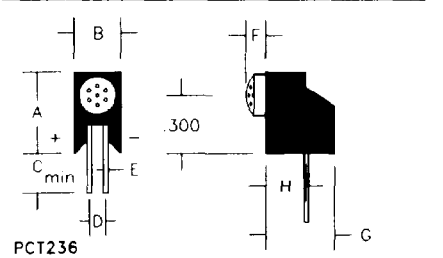
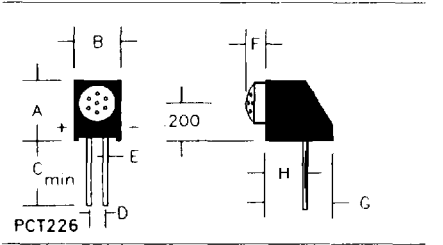
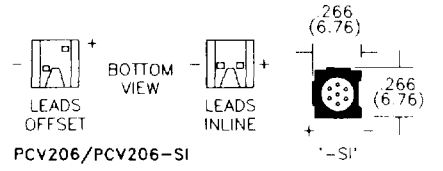
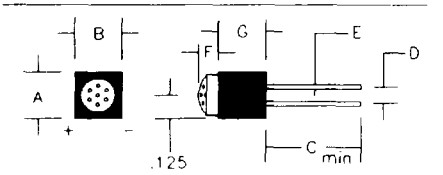
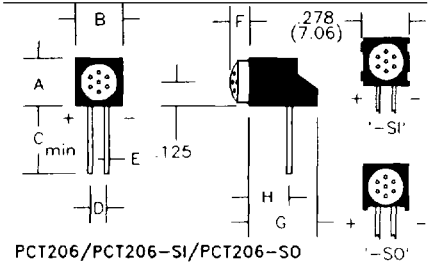
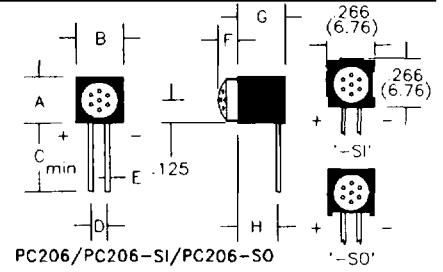
PART NO: <b>PCT206 CR6-12Vf-</b>								
MODEL	LENS, COLOR, BRIGHT	LED COLOR (CLEAR LENS)	LED SPECS USED	ELECTRO-OPTICAL CHARACTERISTICS To=25°C Ir=100µA(MAX)				FEATURES
				If typ	Iv mcd typ	Vf typ/max	λ P nm	
<b>T1-3/4 (5mm) LEDs 6 CHIP, 3 PARALLEL, 4Vf, If = 45mA</b>								
PC206	CR7	ULTRA RED	L206CR7-3.4V	50	125	3.4/4.0	660	STD PRODUCT LEAVE BLANK SI=SNAP IN OS=OFFSET LEADS BP=BIPOLAR 140=LEADS .140" LONG HT=HI-TEMP HOUSING SO=STAND OFF
PCT206	CR6	HI-EFF RED	L206CR6-4V	48	47	4.0/5.6	635	
PCV206	CY3K	3K mcd YELLOW	L206CY3K-4V	40	200	3.8/5.2	590	
PCT226	CY6	YELLOW	L206CY6-4V	48	40	4.2/6.0	585	
PCT236	CLW6	LIME WHITE	L206CLW6-4V	48	191	4.3/6.0	579	
PCT246	CG6	HI-EFF GREEN	L206CG6-4V	45	75	4.3/6.0	565	
	CW6	HI-EFF RED/GRN	L206CW6-4V	42	75	4.3/6.0	635/565	
	CB6	BLUE	L206CB6-6V	45	4.6	6/7.4	470	
<b>T1-3/4 (5mm) LEDs 6 CHIP, 2 PARALLEL, 6Vf, If = 30mA</b>								
PC206	CR6	HI-EFF RED	L206CR6-6V	32	47	6.0/9.0	635	STD PRODUCT LEAVE BLANK
PCT206	CR6	HI-EFF RED	L206CR6-6V	32	47	6.0/9.0	635	
PCV206	CY3K	3K mcd YELLOW	L206CY3K-6V	30	200	5.7/12	590	FEATURES: SAME AS ABOVE
PCT226	CY6	YELLOW	L206CY6-6V	32	40	6.3/9.0	585	
PCT236	CG6	HI-EFF GREEN	L206CG6-6V	30	75	6.3/9.0	565	
PCT246	CG6	HI-EFF GREEN	L206CG6-6V	30	75	6.3/9.0	565	
<b>T1-3/4 (5mm) LEDs 6 CHIP, SERIES, 12Vf, If = 15mA</b>								
PC206	CR7	ULTRA RED	L206CR7-10V	17	125	10.2/12	660	STD PRODUCT LEAVE BLANK
PCT206	CR6	HI-EFF RED	L206CR6-12V	16	47	12/14	635	
PCV206	CO6	ORANGE	L206CO6-12V	16	35	12/14	610	FEATURES: SAME AS ABOVE
PCT226	CY3K	3K mcd YELLOW	L206CY3K-12V	15	200	11.3/15	590	
PCT236	CY6	YELLOW	L206CY6-12V	16	40	12.6/14	585	
PCT246	CLW7	LIME WHITE	L206CLW7-12V	16	191	12.6/14	579	
	CLW6	LIME WHITE	L206CLW6-12V	16	85	12.6/14	579	
	CG6	HI-EFF GREEN	L206CG6-12V	15	75	12.6/14	565	
	CW6	HI-EFF RED/GRN	L206CW6-12V	14	75	12.6/14	635/565	
CB6	BLUE	L206CB6-18V	15	3.4	18/22	470		
<b>T1-3/4 (5mm) LEDs 6 CHIP, BICOLORS, 6Vf, If = 20mA</b>								
MODELS: SAME AS ABOVE	CRPG6	HI-EFF RED	L206CRPG6-6V	16	47	6.0/9.0	635	STD PRODUCT LEAVE BLANK
		PURE GREEN	L206CRPG6-6V	14	35	6.0/9.0	555	
	COPG6	ORANGE	L206COPG6-6V	16	47	6.0/9.0	610	FEATURES: SAME AS ABOVE
		PURE GREEN	L206COPG6-6V	14	35	6.0/9.0	555	

ToPr = -30°C TO +85°C  
Tstg = -30°C TO +100°C

Jctn/Cath Temp. 145°C/Watt  
Lead Soldering Temp. 260°C max., 5 sec.  
1/16" (1.6mm) from body

### MECHANICAL SPECIFICATIONS

MODEL	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)
PC206	.248" (6.30)	.248" (6.30)	.500" (12.7)	.100" (2.54)	.017" (0.43)	.103" (2.62)	.248" (6.30)	.200" (5.08)
PCT206	.248" (6.230)	.248" (6.30)	.500" (12.7)	.100" (2.54)	.017" (0.43)	.103" (2.62)	.355" (9.02)	.200" (5.08)
PCV206	.248" (6.30)	.248" (6.30)	.500" (12.7)	.100" (2.54)	.017" (0.43)	.103" (2.62)	.248" (6.30)	—
PCT226	.324" (8.23)	.245" (6.22)	.500" (12.7)	.100" (2.54)	.017" (0.43)	.103" (2.62)	.356" (9.04)	.211" (5.36)
PCT236	.430" (10.92)	.245" (6.22)	.500" (12.7)	.100" (2.54)	.017" (0.43)	.103" (2.62)	.360" (9.14)	.200" (5.08)
PCT246	.520" (13.20)	.300" (7.62)	.500" (12.7)	.100" (2.54)	.017" (0.43)	.103" (2.62)	.470" (11.94)	.300" (7.62)



HOUSING MAT'L. NYLON OR VALOX, UL94V0  
COLOR BLACK  
LEAD MAT'L. KOVAR - AU-PLATED