

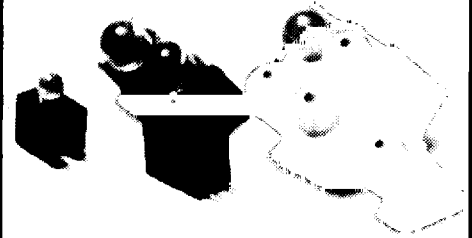
SPECTRUM DEVICES.

T 1-3/4 PCB LEADS

FEATURES: PLASTIC CONSTRUCTION, LOW POWER CONSUMPTION, 100,000 HRS LIFE, HI-SHOCK/VIBRATION RESISTANCE, CHOICE OF 7 COLORS, WIDE OR NARROW ANGLE ETC.

SPECIALS: FLASHERS, INFRA-REDS, LOW CURRENT ETC...

HOUSING: UL94-VO BLACK NYLON.



OPTO-ELECTRICAL data at 25 deg C and 20mA.

COLORS

PARAMETERS	UR	HR	O	Y	G	PG	BL	WHT	UNITS
TYP INTENSITY CLEAR:DIFF	160 : 30	90 : 24	90 : 24	90 : 24	80 : 24	50 : 15	10 : 2		mcd
PEAK WAVELENGTH	660	635	610	585	570	555	470		nM
VIEWING ANGLE CLEAR:DIFF	30 : 60	30 : 60	30 : 60	30 : 60	30 : 60	30 : 60	30 : 60		deg
FWD VOLTAGE	1.7	1.9	1.9	2	2.1	2.1	3		V
MAX FWD CURRENT	35	30	30	30	27	27	45		mA
POWER CONSUMPTION	60	60	60	60	60	60	150		mW

TEMPERATURE: STORAGE TEMP: -30 TO +100 DEG C. OPERATING TEMP: -30 TO +75 DEG C.

PART NUMBERING SYSTEM

PCL484	D	G-HR-HR-Y	5V
MODEL SELECT ONE FROM FIGURES BELOW.	LENS TYPE D= DIFFUSED (WIDE ANGLE) C= CLEAR TINTED (NARROW ANGLE) 5V AND 12V HAVE DIFFUSED LENS.	COLOR-POSITION. UR=ULTRA-RED,HR=HI-EFF RED,O=ORANGE,Y=YELLOW, G= GREEN, PG= PURE GREEN, BL= BLUE, HR/G =BI-COLOR HI-EFF RED+GREEN.EXAMPLE OF LED POSITION IS BELOW.	VOLTAGE TYPES only 5V,12V (ONE-CHIP LEADS in HR,Y and G COLORS and DIFF USED LENS ONLY. OMIT FOR OTHER TYPES.) 5V CURRENT IS 13mA, 12V IS 10mA. INTENSITY IS 1/2 OF DIFFUSED TYPES SHOWN IN ABOVE DATA. POWER CONSUMPTION IS 65mW FOR 5V AND 120mW FOR 12V.

LED POSITION IN P/N. LOOKING AT DEVICE FROM FRONT, COLORS IN P/N ARE FROM LEFT TO RIGHT OR TOP TO BOTTOM.

