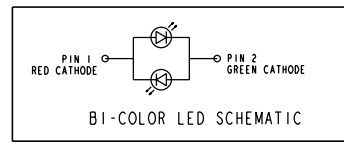
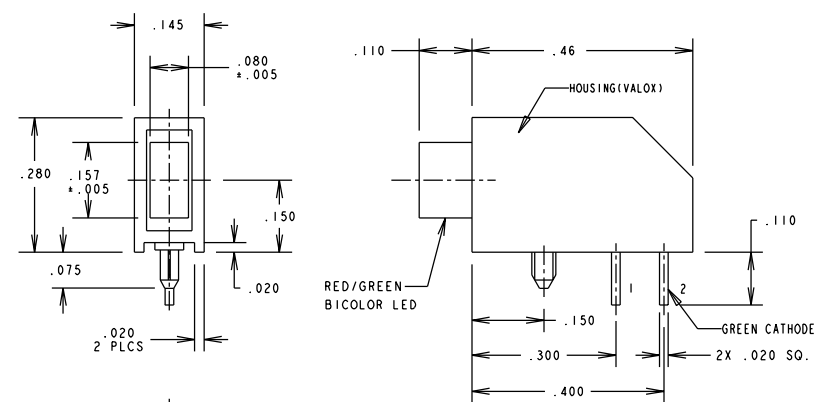


ABSOLUTE MAXIMUM RATINGS AT 25° C AMBIENT			
	R/G BI-COLOR		UNITS
	GREEN	RED	
POWER DISSIPATION	100	100	mW
CONTINUOUS FORWARD CURRENT	30	30	mA
DERATE LINEARLY FROM 50° C	0.4	0.4	mA/°C
PEAK FORWARD CURRENT (1/10 DUTY CYCLE, 0.1 ms PULSE WIDTH)	120	120	mA
REVERSE VOLTAGE	5	5	V
LEAD SOLDERING TEMPERATURE, 5 SEC., 1/16 FROM BODY	260		°C
OPERATING TEMPERATURE	-55 TO +100		°C
STORAGE TEMPERATURE	-55 TO +100		°C

REV.	ECN NO.	REVISIONS	DRN.	CKD.	APP.	DATE
A		NEW RELEASE	DC			

OPERATING CHARACTERISTICS AT 25° C AMBIENT

LED CHARACTERISTICS	COLOR	MIN.	TYP.	MAX.	UNITS	TEST CONDITIONS
LUMINOUS INTENSITY	GREEN RED	1.7 1.7	5.6 5.6		mc d	$I_f = 20 \text{ mA}$
FORWARD VOLTAGE	GREEN RED		2.1 2.0	2.8	V	$I_f = 20 \text{ mA}$
REVERSE CURRENT ( $I_R$ )	GREEN RED			100	$\mu\text{A}$	$V_R = 5\text{V}$
PEAK WAVELENGTH ( $\lambda_p$ )	GREEN RED		565 630		nm	MEASUREMENT @ PEAK
DOMINANT WAVELENGTH ( $\lambda_d$ )	GREEN RED		569 621		nm	MEASURED ON EXELTRON 2001
VIEWING ANGLE ( $2\theta_{1/2}$ )	GREEN RED		140		deg.	
CAPACITANCE	GREEN RED		35 20		pF	$V_b = 0 \text{ V}, f = 1 \text{ MHz}$



NOTE:  
1. DIALIGHT PART NO. 566-0706-801

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SCALE: 5:1	DRAWING NUMBER	REV
ALL DIM'S IN: INCHES	C-16745	A
TOLERANCES: UNLESS OTHERWISE SPECIFIED	TITLE	
FRACTIONS: ±1/64	RECTANGULAR RIGHT ANGLE R/G CBI	
DECIMALS (.XX): ±.020	MATERIAL	
DECIMALS (.XXX): ±.015	Dialight	
ANGLES: ±3°	1913 ATLANTIC AVE.	
FINISH:	MANASQUAN, N. J. 08736	
FSCM 83330	SHEET OF	FAMILY TABLE:

RECOMMENDED P.C.B. HOLE PATTERN