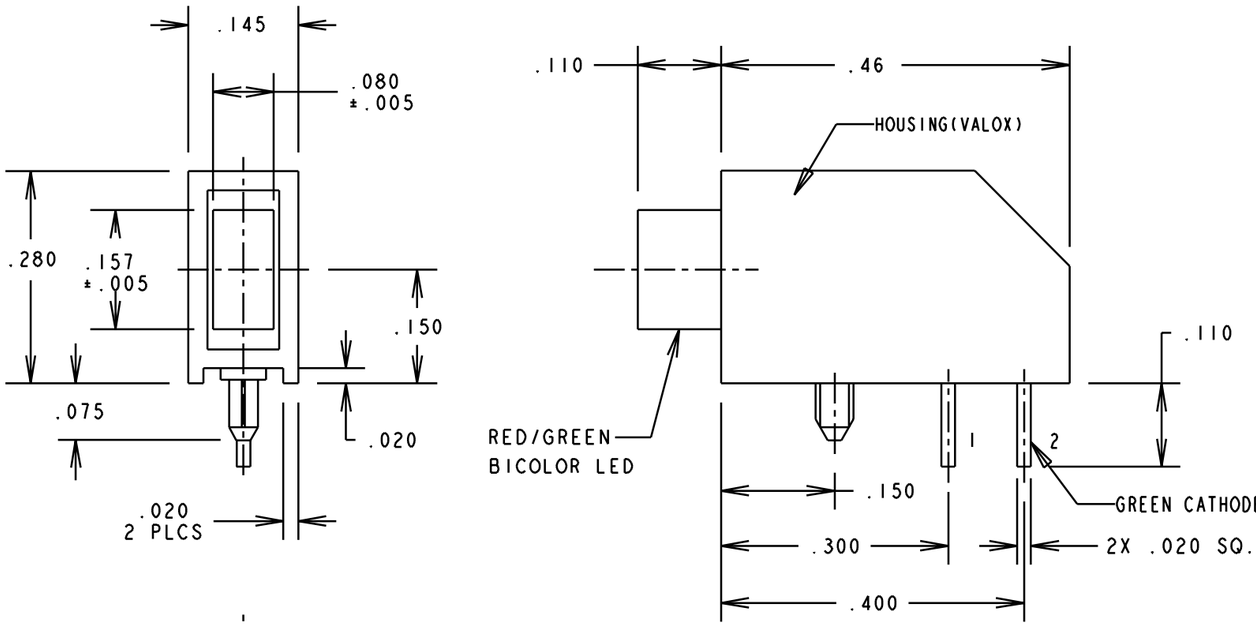
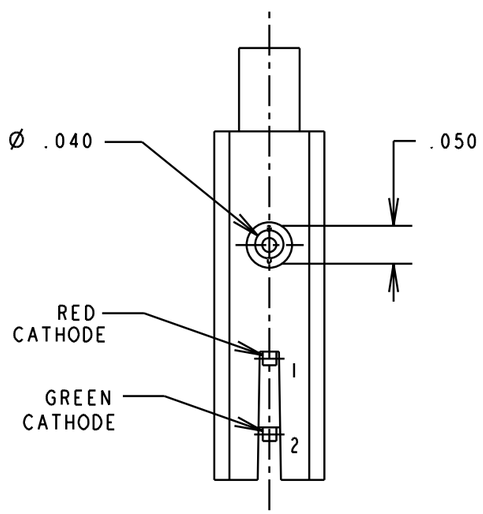
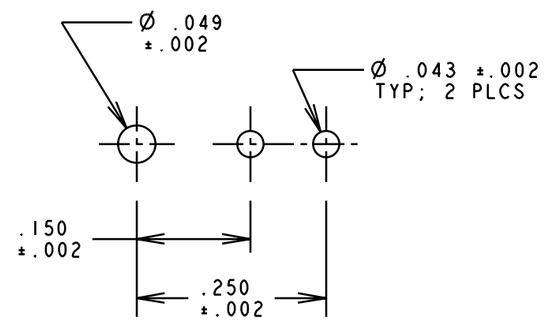
REV.	ECN NO.	REVISIONS	DRN.	CKD.	APP.	DATE
A	———	NEW RELEASE	DC			

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



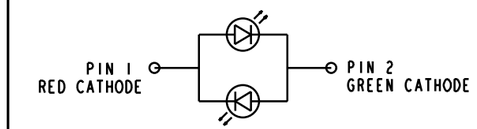




RECOMMENDED P.C.B. HOLE PATTERN

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		mcd	I_F = 20 mA
FORWARD VOLTAGE	GREEN RED		2.1 2.0	2.8	V	I_F = 20 mA
REVERSE CURRENT (I_R)	GREEN RED			100	µA	V_R = 5V
PEAK WAVELENGTH (λ_p)	GREEN RED		565 630		nm	MEASUREMENT @ PEAK
DOMINANT WAVELENGTH (λ_d)	GREEN RED		569 621		nm	MEASURED ON EXELTRON 2001
VIEWING ANGLE (2 Θ 1/2)	GREEN RED		140		deg.	
CAPACITANCE	GREEN RED		35 20		pF	V_R =0 V, f=1 MHz



BI-COLOR LED SCHEMATIC

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

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SCALE 5:1
ALL DIM'S IN: INCHES
TOLERANCES:
UNLESS OTHERWISE SPECIFIED
FRACTIONS: ±1/64
DECIMALS (.XX): ±.020
DECIMALS (.XXX): ±.015
ANGLES: ±3°
FINISH:
FSCM 83330

DRAWING NUMBER C-16745
REV A
TITLE RECTANGULAR RIGHT ANGLE R/G CBI
MATERIAL

Dialight
1913 ATLANTIC AVE.
MANASQUAN, N.J. 08736

SHEET OF
FAMILY TABLE: