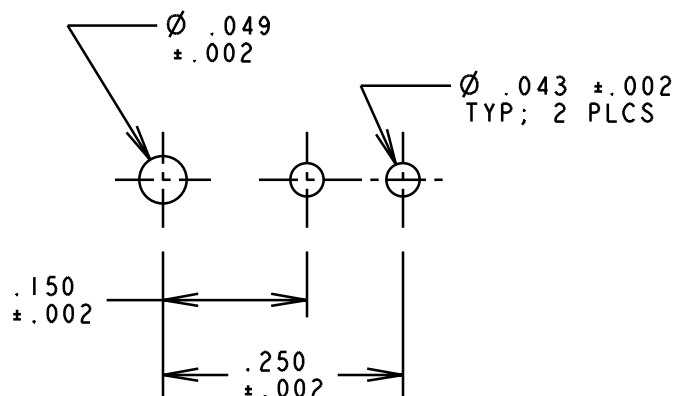
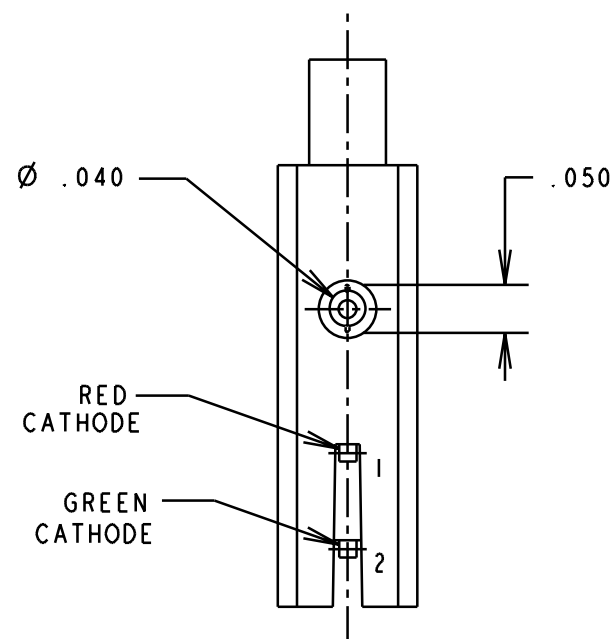
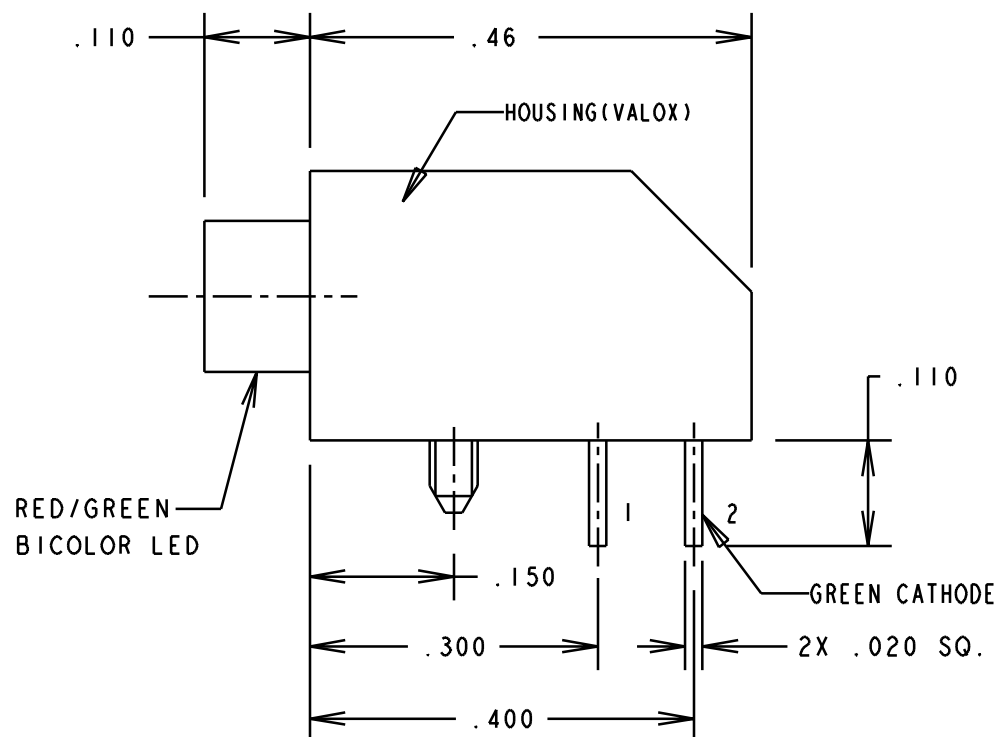
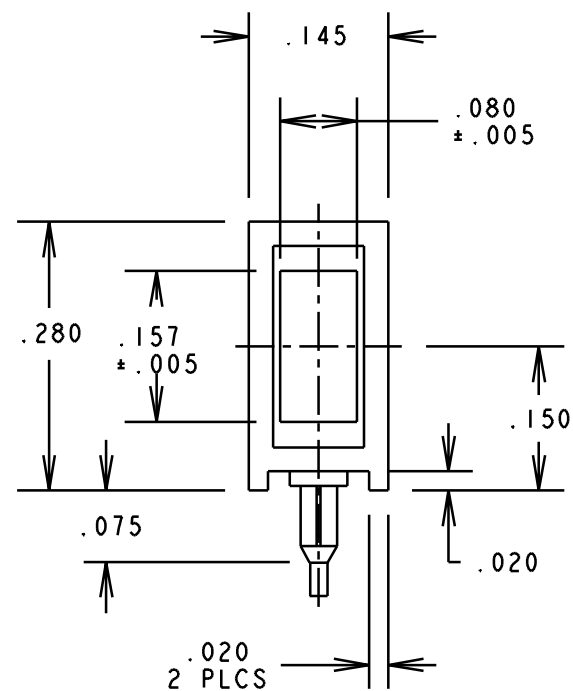


ABSOLUTE MAXIMUM RATINGS AT 25° C AMBIENT

	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

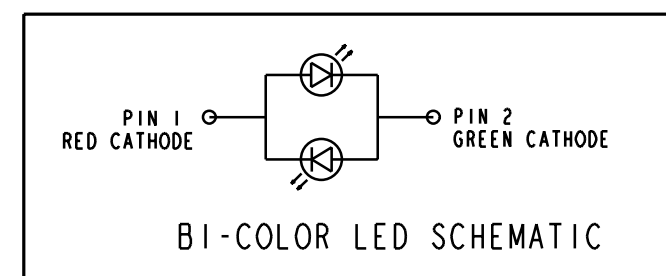
REV.	ECN NO.	REVISIONS	DRN.	CKD.	APP.	DATE
A	—	NEW RELEASE	DC			



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		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	μA	$V_R = 5\text{V}$
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 ($2\theta_{1/2}$)	GREEN RED		140		deg.	
CAPACITANCE	GREEN RED		35 20		pF	$V_R = 0 \text{ V}, f = 1 \text{ MHz}$



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 RECTANGULAR RIGHT ANGLE R/G CBI	
FRACTIONS: $\pm 1/64$	MATERIAL	
DECIMALS (.XX): $\pm .020$	Dialight	
DECIMALS (.XXX): $\pm .015$	1913 ATLANTIC AVE. MANASQUAN, N.J. 08736	
ANGLES: $\pm 3^\circ$	SHEET OF FAMILY TABLE:	
FINISH:	FSCM 83330	