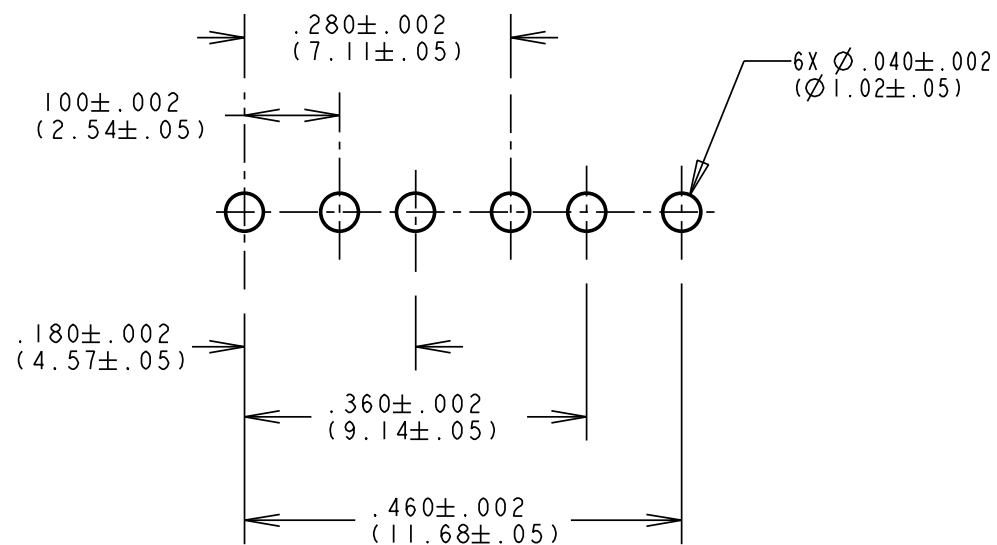
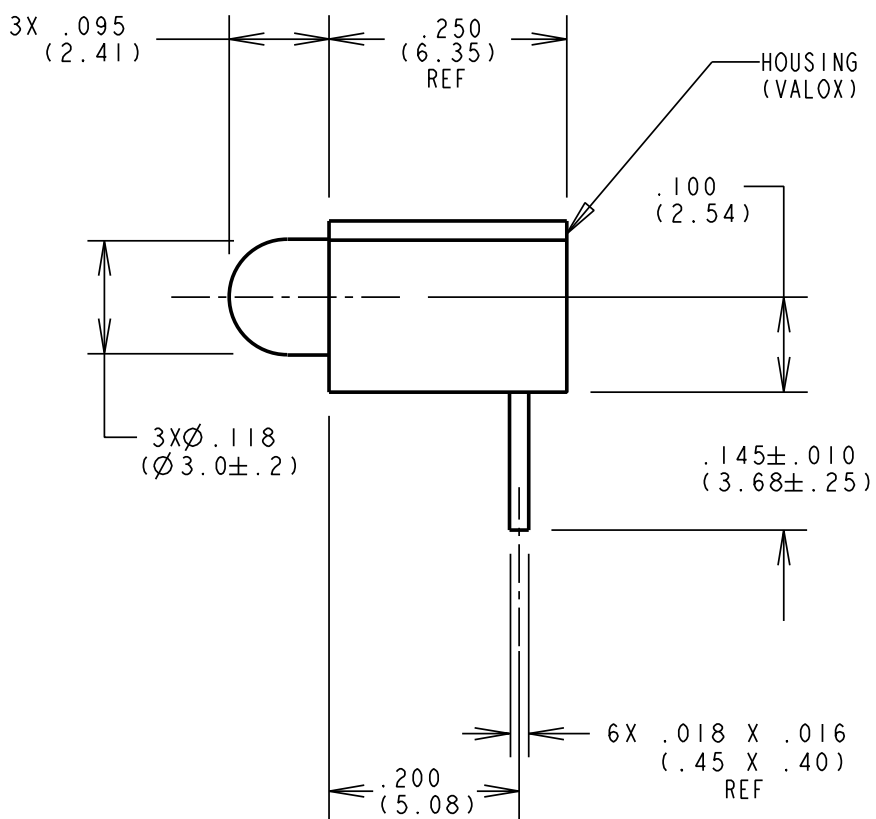
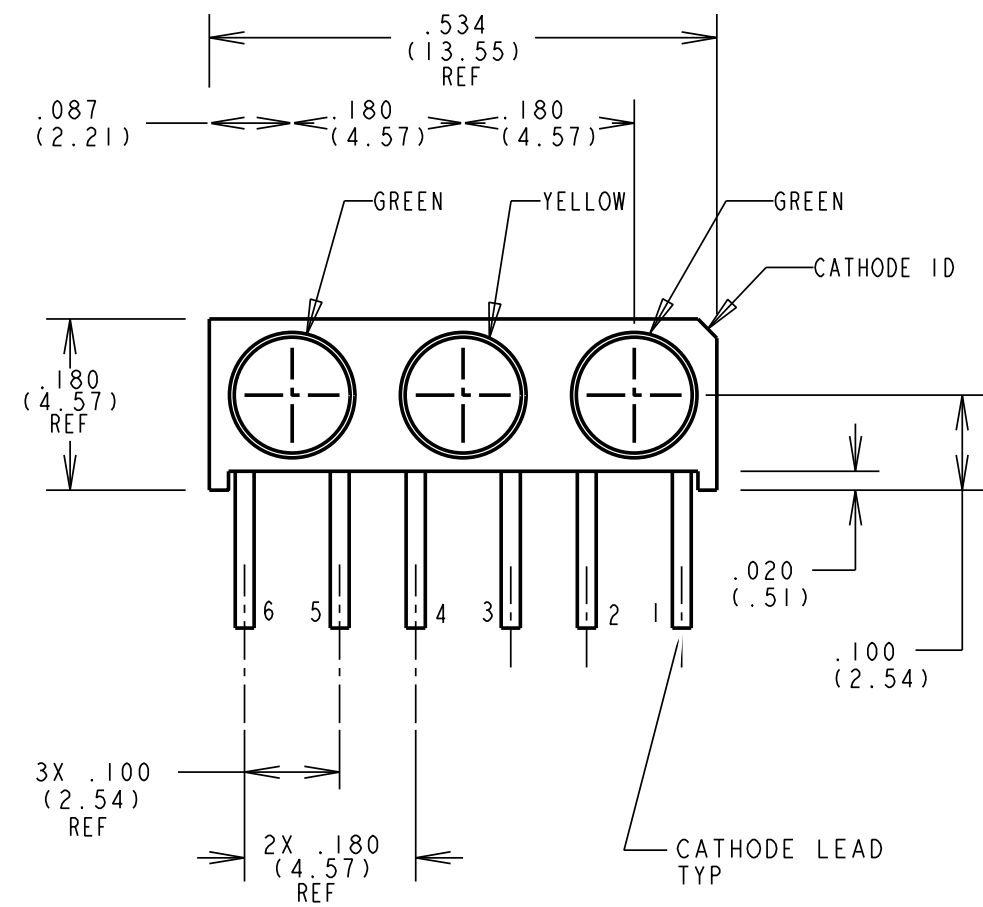
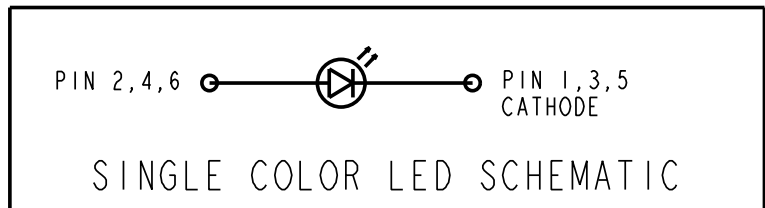


REV	ECN NO	REVISIONS	DRN	CKD	APP	DATE
A	—	NEW RELEASE	TWC			



RECOMMENDED PC BOARD HOLE PATTERN



- NOTE:
- LED LEAD DIMENSIONS ARE MEASURED AT HOUSING EXIT.
 - MILLIMETER DIMENSIONS SHOWN FOR REFERENCE ONLY.
 - PIN NUMBERS FOR REFERENCE ONLY. DESIGNATION NON-EXISTENT ON PARTS.
 - DIALIGHT PART NUMBER: 551-0003-829.

OPERATING CHARACTERISTICS AT $T_A = 25^\circ\text{C}$

SYMBOL	PARAMETER	COLOR	MIN	TYP	MAX	UNITS	TEST COND.
V_F	FORWARD VOLTAGE	GREEN		2.1	2.8	V	$I_F = 10\text{ mA}$
		YELLOW		2.1	2.8		
I_R	REV. CURRENT	ALL			100	μA	$V_R = 5\text{V}$
λ_{PK}	PEAK WAVELENGTH	GREEN		565		nm	MEASURED AT PEAK
		YELLOW		585			
I_V	LUMINOUS INTENSITY	GREEN	4.7	12.6		mcd	$I_F = 10\text{ mA}$
		YELLOW	7.4	10.0			

ABSOLUTE MAXIMUM RATINGS AT 25°C AMBIENT

	GREEN	YELLOW	UNITS
POWER DISSIPATION	100	60	mW
CONTINUOUS FORWARD CURRENT	30	20	mA
DERATE LINEARLY FROM 50°C	0.40	0.25	$\text{mA}/^\circ\text{C}$
PEAK FORWARD CURRENT	120	80	mA
LEAD SOLDERING TEMP. 5 SEC. 1/16" FROM BASE	260		$^\circ\text{C}$
OPERATING TEMPERATURE	-55 TO +100		$^\circ\text{C}$
STORAGE TEMPERATURE	-55 TO +100		$^\circ\text{C}$

THIS DRAWING AND THE CONTENTS HEREIN ARE CONFIDENTIAL AND THE SOLE PROPERTY OF DIALIGHT. REPRODUCTION OF THIS DRAWING OR CONSTRUCTION OF ANY PARTS WITHIN THIS DRAWING ARE FORBIDDEN WITHOUT THE WRITTEN CONSENT OF DIALIGHT.

SCALE: 5:1 ALL DIM'S IN: INCHES (MM)	DRAWING NUMBER C-17247	REV A
TOLERANCES: UNLESS OTHERWISE SPECIFIED FRACTIONS: $\pm 1/64$ DECIMALS (.XX): $\pm .02$ DECIMALS (.XXX): $\pm .015$ DECIMALS (.XXXX): $\pm .0005$ ANGLES: $\pm 3^\circ$	TITLE 3mm LED CBI TRI-BLOCK	MATERIAL
FINISH:	Dialight	1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727
FSCM 83330	SHEET 1 OF 1	FAMILY TABLE: