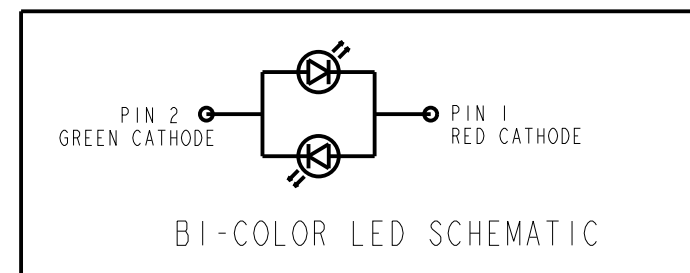
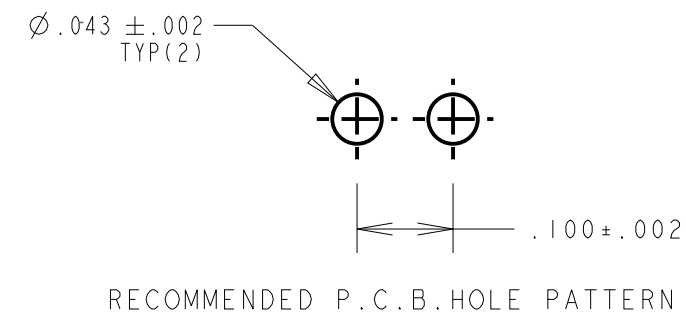
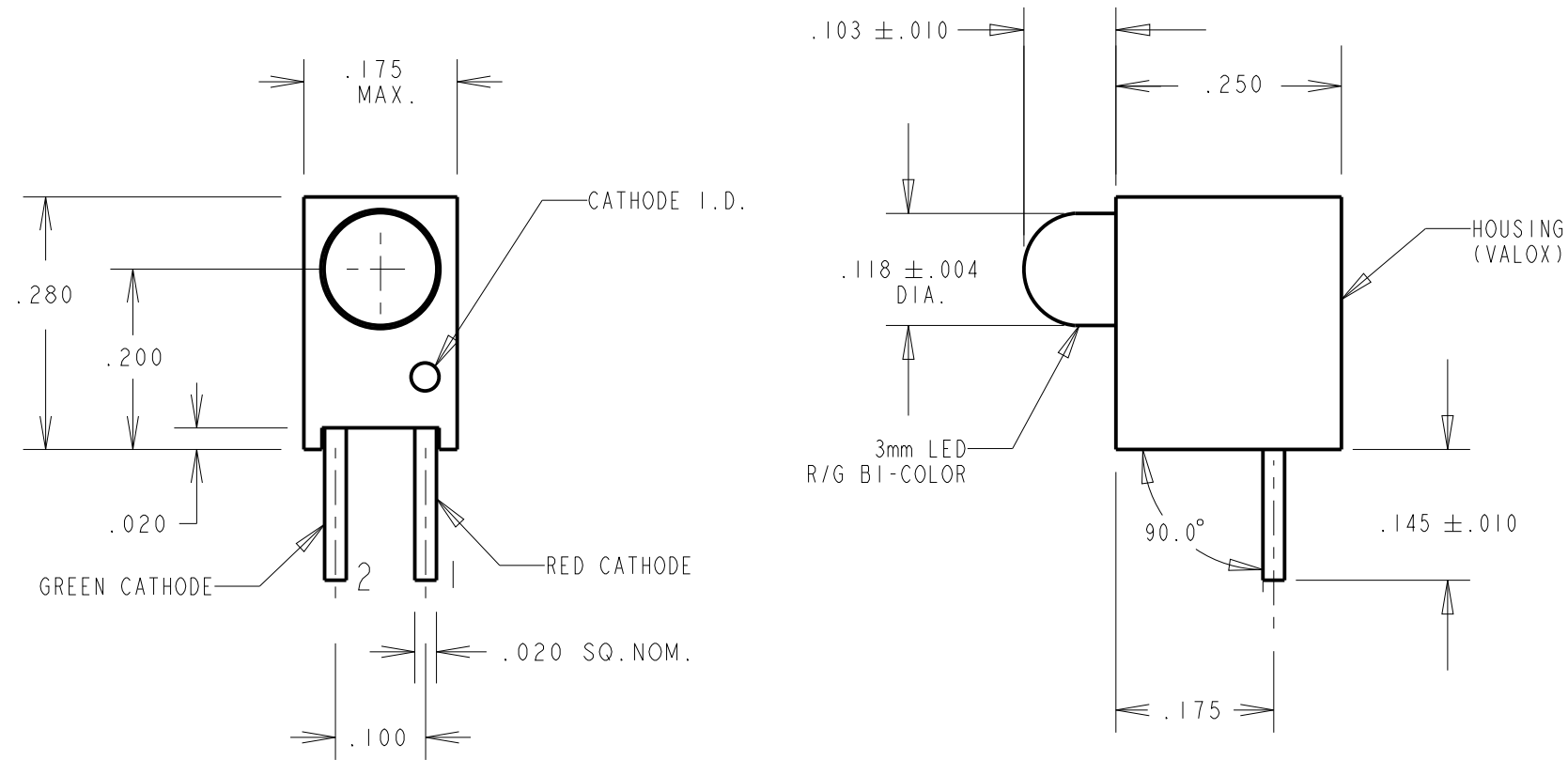


REV	ECN NO	REVISIONS	DRN	CKD	APP	DATE
A	---	NEW RELEASE	TWC	TC	N.O.	9-15-05
B	---	551-3007F RoHS NOTE EXAMPLE P/N WAS 553-3007F	TWC	---	---	---
C	---	UPDATED LED SPECS	BP	---	NO	3-28-18



LED COLOR = RED/GREEN BI-COLOR						
OPERATING CHARACTERISTICS AT 25°C AMBIENT						
CHARACTERISTICS	COLOR	MIN	TYP	MAX	UNITS	TEST CONDITIONS
DOMINANT WAVELENGTH	RED	612	621	633	nm	
	GREEN	564	569	577		
LUMINOUS INTENSITY	RED	1.2	5.6		mcd	$I_F = 10 \text{ mA}$
	GREEN	1.5	8.7			
FORWARD VOLTAGE	RED		2.0	2.6	V	$I_F = 20 \text{ mA}$
	GREEN		2.1	2.6		
REVERSE CURRENT	ALL			100	μA	$V_R = 5 \text{ V}$
PEAK WAVELENGTH	RED		630		nm	$I_F = 20 \text{ mA}$
	GREEN		565			
VIEWING ANGLE	ALL		200		Degree	$I_F = 20 \text{ mA}$

ABSOLUTE MAXIMUM RATING AT 25°C AMBIENT		UNITS	R/G BI-COLOR
POWER DISSIPATION		mW	100
DERATE LINEARLY FROM 25°C		$\text{mA}/^\circ\text{C}$	0.40
CONTINUOUS FORWARD CURRENT		mA	30
PEAK FORWARD CURRENT (10 ms PULSE WIDTH 1/10 DUTY)		mA	90
PEAK REVERSE VOLTAGE		V	5
LEAD SOLDERING TEMPERATURE, 6 SEC., 1/16" FROM BASE		$^\circ\text{C}$	260
OPERATING TEMPERATURE		$^\circ\text{C}$	-55 TO 100
STORAGE TEMPERATURE		$^\circ\text{C}$	-55 TO 100

RoHS Compliant 551-3007F Thru hole CBI

Part Numbers with the "F" suffix ending are RoHS Compliant.
 Example: 551-3007F
 The bag packaging is marked with "RoHS Compliant" label or equivalent markings.
 Parts can be wave soldered, dip soldered or hand soldered using typical lead-free soldering process with max 260°C temp. for 5 sec.

NOTES:

- LEADS TO FIT INTO HOLE PATTERN SPACED AS SHOWN.
- LED LEADS ARE TIN (Sn) PLATED OVER NICKEL (Ni) ON COPPER ALLOY (Cu).
- LED LEAD DIMENSIONS SHOWN ARE MEASURED AT HOUSING EXIT.
- PIN NUMBERS FOR REFERENCE ONLY, DESIGNATION NON-EXISTENT ON PARTS.
- DIALIGHT PART NUMBER: 551-3007F.

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SCALE: DRAWING SCALE	DRAWING NUMBER	REV
ALL DIM'S: INCH (mm)	C-17307	C
TOLERANCES: UNLESS OTHERWISE SPECIFIED	TITLE 3mm CBI R/G BI-COLOR .200 HIGH CENTERLINE, RoHS COMPLIANT	
FRACTIONS: ±1/64 DECIMALS (.XX): ±.01 DECIMALS (.XXX): ±.005 DECIMALS (.XXXX): ±.0005 ANGLES: ±1°	MATERIAL	
FINISH		
FSCM 83330	SHEET 11 OF 11	FAMILY TABLE:

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