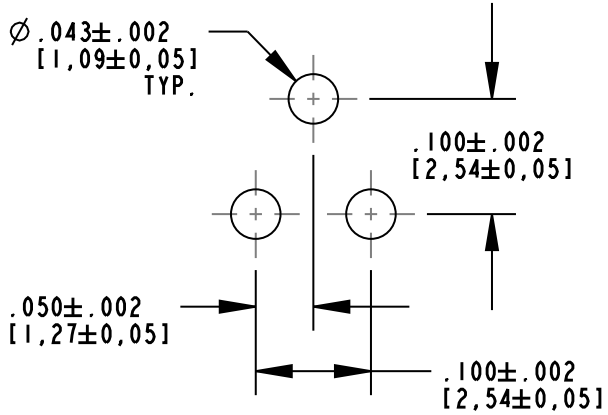
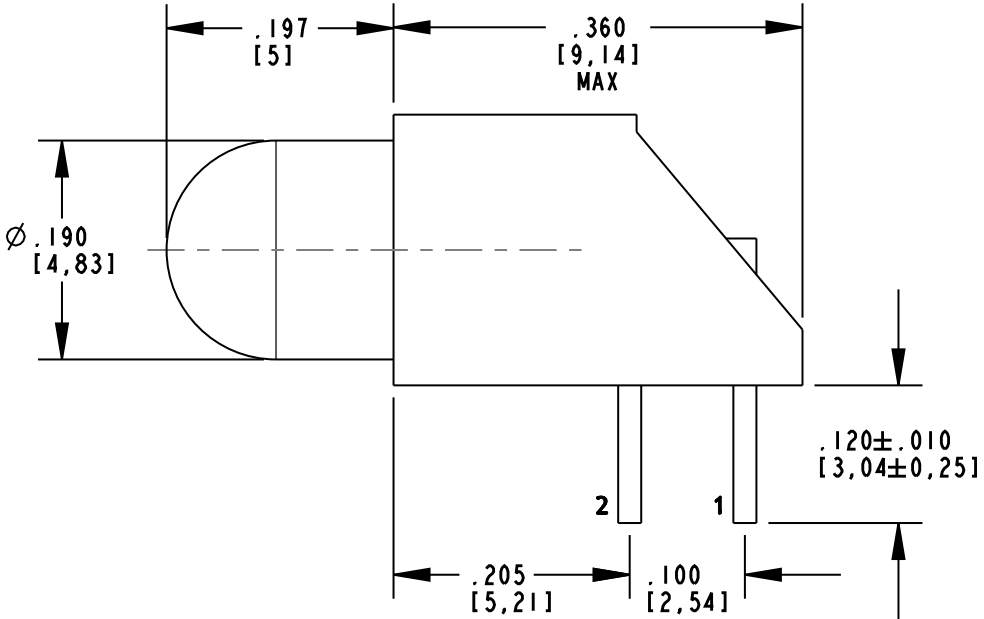
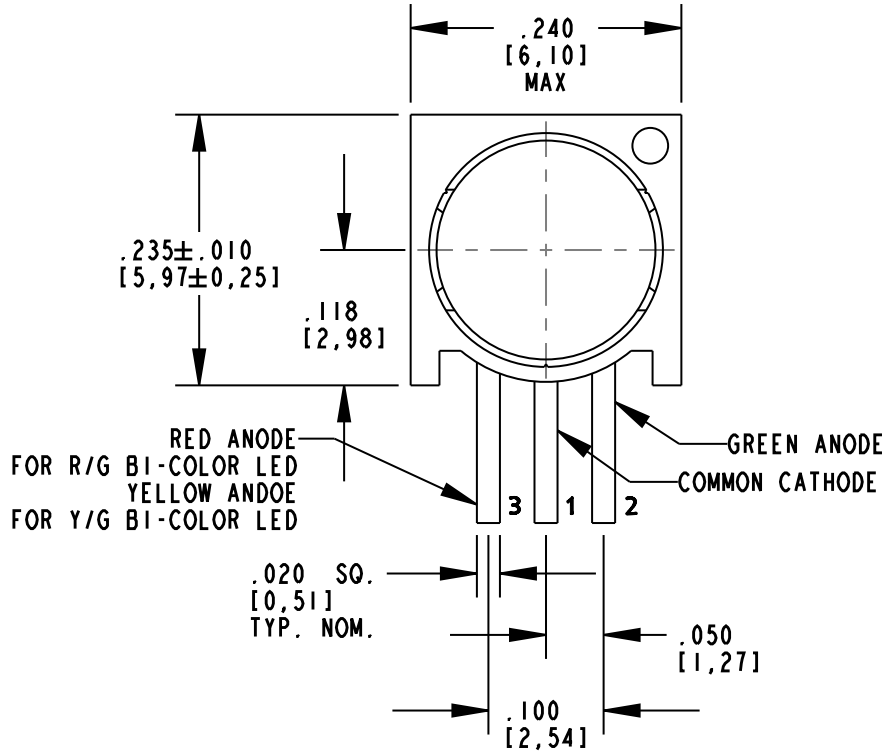


DIALIGHT PART NUMBER	LED COLOR
550-3507-010F	RED/GREEN BI-COLOR
550-3607-010F	YELLOW/GREEN BI-COLOR

RoHS COMPLIANT 550-3X07-010F
Part Numbers with the "F" suffix ending are RoHS Compliant.
For example: 550-3507-010F
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.

REV	ECN NO	REVISIONS	DRN	CKD	APP	DATE
A	—	NEW RELEASE	AJF	KLJ	NO	5-24-11

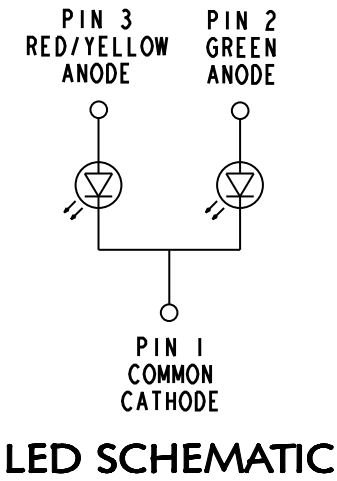


RECOMMENDED HOLE PATTERN GAUGE

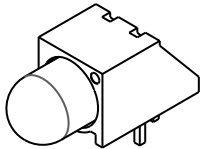
- NOTES:
- LED EPOXY: WHITE DIFFUSED.
 - LED LEAD DIMENSIONS SHOWN ARE MEASURED AT HOUSING EXIT.
 - LEADS TO FIT INTO HOLES SPACED AS PER PATTERN.
 - PIN NUMBERS FOR REFERENCE ONLY, DESIGNATION NON-EXISTENT ON PART.
 - DIALIGHT PART NUMBERS: 550-3X07-010F.
 - THIS ASSEMBLY CONTAINS ELECTROSTATIC DISCHARGE SENSITIVE DEVICES (ESDS). MAINTAIN ALL PRECAUTIONARY MEASURES DURING ASSEMBLY, HANDLING, AND STORAGE IN ACCORDANCE WITH IPC-A-610.

LED COLOR	PEAK WAVELENGTH (nm)	DOMINANT WAVELENGTH (nm)	LUMINOUS INTENSITY (mcd) @ I _F =10mA	FORWARD VOLTAGE (V) @ I _F =20mA		REVERSE CURRENT (μA)	VIEWING ANGLE (DEGREES)
	TYP	TYP	MIN	TYP	MAX	MAX	TYP
RED/GREEN	635/583	626/570	2.1/4.2	1.9/2.2	2.6/3.0	100	65
YELLOW/GREEN	583/565	585/569	2.1/4.2	1.6/1.6	2.5/2.5	100	65

ABSOLUTE MAXIMUM RATINGS AT 25°C AMBIENT	RED/GREEN	YELLOW/GREEN	UNITS
POWER DISSIPATION	135	135	mW
PEAK FORWARD CURRENT (10μs PULSE WIDTH)	500	500	mA
CONTINUOUS FORWARD CURRENT	30	30	mA
LINEAR DERATING FROM 50°C	0.5	0.5	mA/°C
REVERSE VOLTAGE	5	5	V
LEAD SOLDERING TEMPERATURE (.063" [1.6mm] FROM BODY) FOR 5 SEC.	260		°C
OPERATING TEMPERATURE	-20 TO +100	-20 TO +100	°C
STORAGE TEMPERATURE	-55 TO +100	-55 TO +100	°C



LED SCHEMATIC



SCALE 2.000



ATTENTION:
OBSERVE PRECAUTIONS FOR
HANDLING ELECTROSTATIC
SENSITIVE DEVICES

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: 6.000 ALL DIM'S IN: INCHES (MM)	DRAWING NUMBER C-17922	REV A
TOLERANCES: UNLESS OTHERWISE SPECIFIED FRACTIONS: ±1/64 DECIMALS (.XX): ±.02 DECIMALS (.XXX): ±.015	TITLE Ø5mm 3 LEADED BI-COLOR CBI REVERSE POLARITY	
ANGLES: ±1°	MATERIAL -	
FINISH: -	Dialight 1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727	
FSCM 83330	SHEET 1 OF 1	FAMILY TABLE: