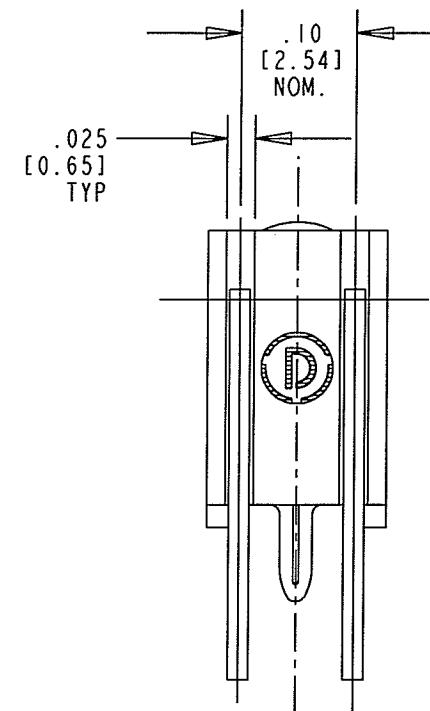
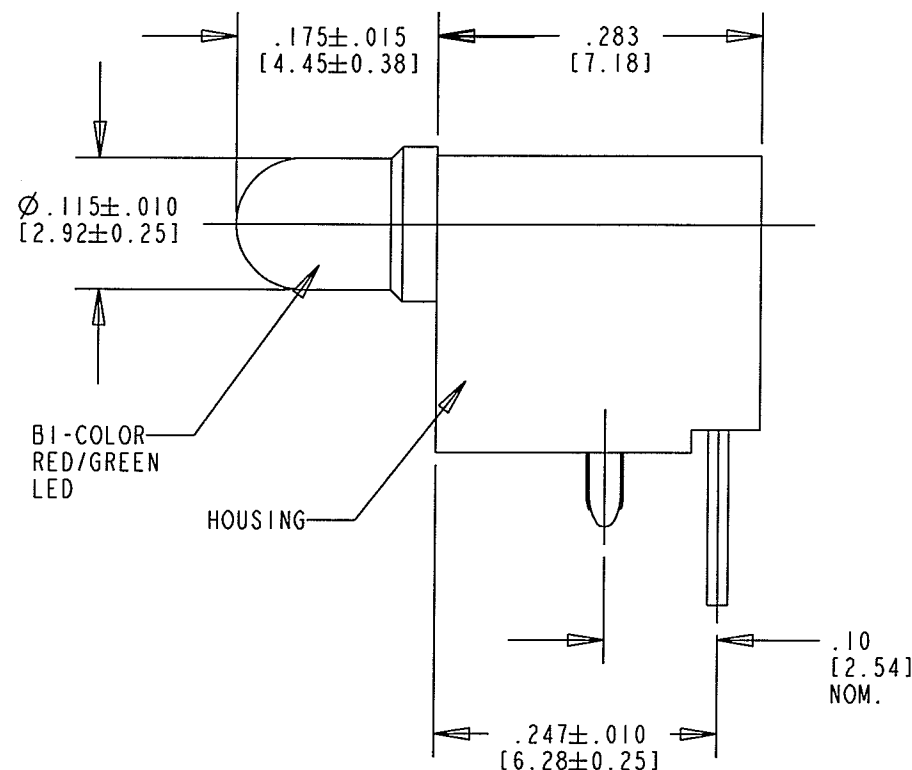
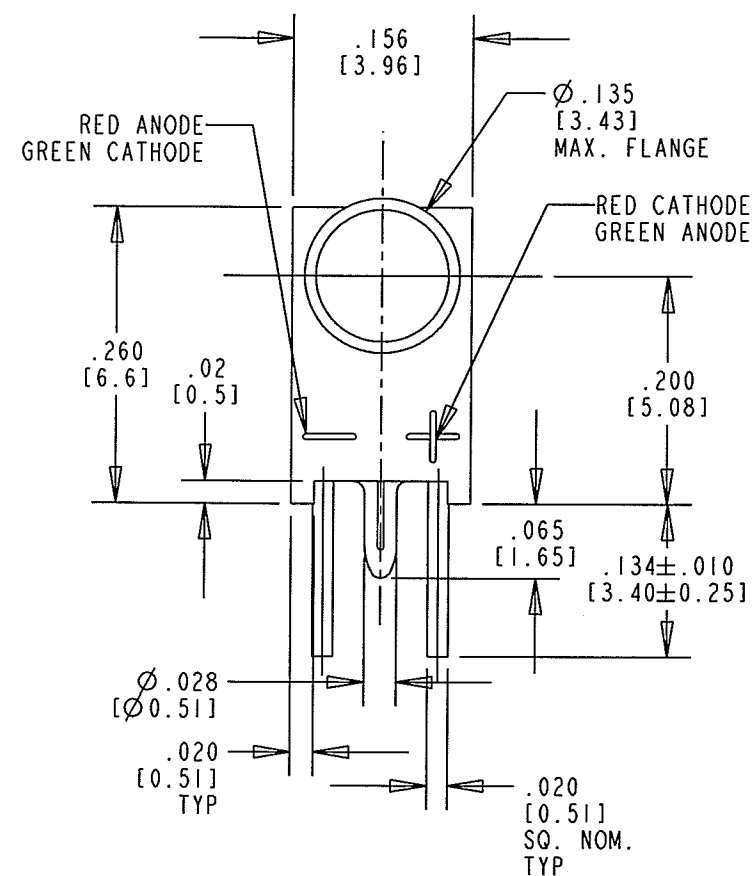
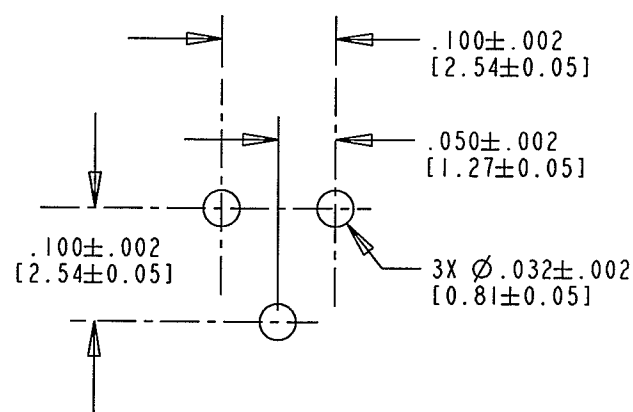


REV	ECN NO	REVISIONS	DRN	CKD	APP	DATE
A		NEW RELEASE	SM	N.O.	MES	4-17-07
B		".134±.010" WAS ".134".	KLJ			3-18-08



NOTES:

1. LEADS TO FIT INTO HOLES SPACED AS PER HOLE PATTERN.
2. LED LEAD SPACING DIMENSION IS MEASURED AT HOUSING EXIT.
3. DIALIGHT PART NUMBER: 551-3011F.
4. THIS ASSEMBLY CONTAINS ELECTROSTATIC DISCHARGE SENSITIVE DEVICES (ESDS). MAINTAIN ALL PRECAUTIONARY MEASURES DURING ASSEMBLY, HANDLING AND STORAGE IN ACCORDANCE WITH IPC-A-610.



RECOMMENDED
HOLE PATTERN

ABSOLUTE MAXIMUM RATINGS AT 25°C AMBIENT	
POWER DISSIPATION	100 mW
DERATE LINEARLY FROM 50°C	.40 mA/°C
CONTINUOUS FORWARD CURRENT	30 mA
PEAK FORWARD CURRENT (10 ms PULSE WIDTH, 1/10 DUTY)	120 mA
PEAK REVERSE VOLTAGE	5 V
LEAD SOLDERING TEMPERATURE, 6 SEC., 1/16" FROM BASE	260° C
OPERATING TEMPERATURE	-55° C TO +100° C
STORAGE TEMPERATURE	-55° C TO +100° C

RoHS Compliant 551-3011F Thru hole CBI with Pin

Part Numbers with the "F" suffix ending are RoHS Compliant.
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.

PART NUMBER	COLOR	PEAK WAVELENGTH (nm)	VIEWING ANGLE (°) 2 & 1/2	LUMINOUS INTENSITY (mcd) @ I _f = 10mA; 25°C		FORWARD VOLTAGE (V) @ I _f = 20mA; 25°C		REVERSE CURRENT (μA); 25°C
				MIN	TYP	TYP	MAX	
551-3011F	RED	100	60	2.5	4.7	2.0	2.8	100
	GREEN			3.7	10.0	2.1		



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: DRAWING SCALE	DRAWING NUMBER	REV
ALL DIM'S IN: INCHES (MM)	C-17487	B
TOLERANCES: UNLESS OTHERWISE SPECIFIED	TITLE 3 mm CBI, .200 C, R/G, BI-COLOR, RoHS COMPLIANT	
FRACTIONS: ±1/64 DECIMALS (.XX): ±.01 DECIMALS (.XXX): ±.005 DECIMALS (.XXXX): ±.0005 ANGLES: ±1°	MATERIAL	
FINISH:	Dialight	1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727
FSCM 83330	SHEET 1 OF 1 FAMILY TABLE:	