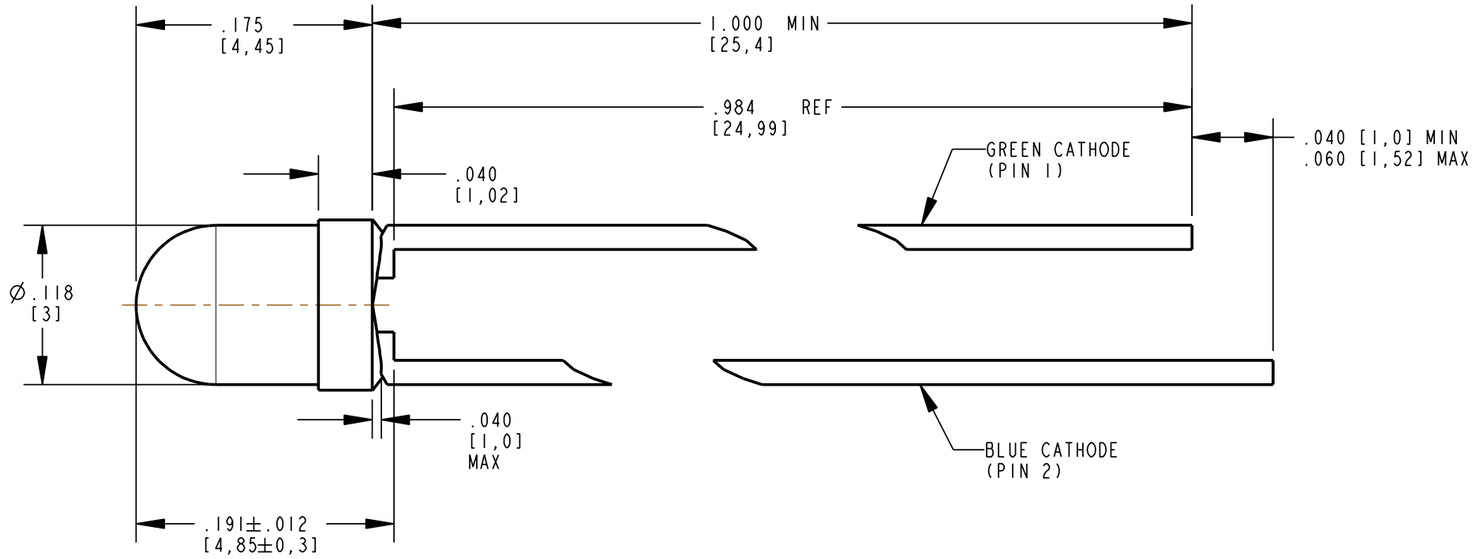
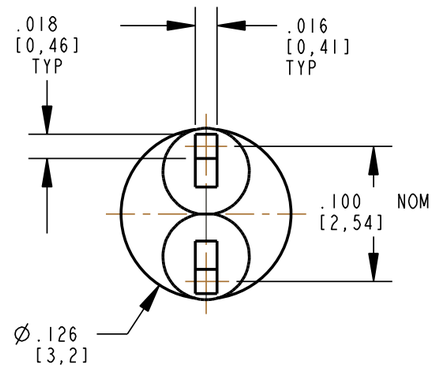
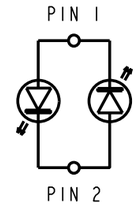
REV	ECN NO	REVISIONS	DRN	CKD	APP	DATE
A	———	NEW RELEASE	KLJ			







COLOR	PEAK EMISSION WAVELENGTH (nm)	DOMINANT WAVELENGTH (nm)	VIEWING ANGLE (°)	LUMINOUS INTENSITY (mcd)@I_F =20 mA, 25°C		FORWARD VOLTAGE (V)@I_F =20 mA, 25°C	
		TYP		MIN	TYP	TYP	MAX
GREEN	565	569	60	6.5	14	2.1	2.6
BLUE	468	470	60	38	85	3.5	4.0

RoHS Compliant 521-8078F
Part Numbers with the "F" suffix ending are RoHS Compliant.
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.

ATTENTION:
OBSERVE PRECAUTIONS FOR HANDLING ELECTROSTATIC SENSITIVE DEVICES

ABSOLUTE MAXIMUM RATINGS AT 25°C AMBIENT	GREEN	BLUE	UNITS
POWER DISSIPATION	75	120	mW
DC FORWARD CURRENT	30	30	mA
PEAK FORWARD CURRENT (1/10 DUTY CYCLE, 0.1 ms PULSE WIDTH)	90	100	mA
DERATE LINEARLY FROM 30°C FOR BLUE / 50°C FOR GREEN	0.40	0.50	mA/°C
REVERSE VOLTAGE	5	5	V
SOLDERING TEMPERATURE (.157 in FROM BODY)	260 FOR 5 SECONDS		°C
OPERATING TEMPERATURE	-30 TO +85		°C
STORAGE TEMPERATURE	-30 TO +100		°C

NOTES:

1. SOURCE COLOR: GREEN/InGaN BLUE
1. LENS COLOR: WHITE DIFFUSED.
2. FOR DIALIGHT PART NUMBER REFER TO 521-8078F
3. THIS ASSEMBLY CONTAINS ELECTROSTATIC DISCHARGE SENSITIVE DEVICES (ESDS). MAINTAIN ALL PRECAUTIONARY MEASURES DURING ASSEMBLY, HANDLING AND STORAGE IN ACCORDANCE WITH IPC-A-610.

SCALE: 9.000
ALL DIM'S IN: INCHES (MM)
TOLERANCES:
UNLESS OTHERWISE SPECIFIED
FRACTIONS: ±1/64
DECIMALS (.XX): ±.01
DECIMALS (.XXX): ±.010
DECIMALS (.XXXX): ±.0100
ANGLES: ±1°

FINISH: -

FSCM 83330

DRAWING NUMBER: C17553
REV: A

TITLE: 3mm LED GREEN/InGaN BLUE BI-COLOR, MAX V_F =4.0 V

MATERIAL: -

Dialight
1501 ROUTE 34 SOUTH
FARMINGDALE, NJ 07727

SHEET 1 OF 1
FAMILY TABLE: