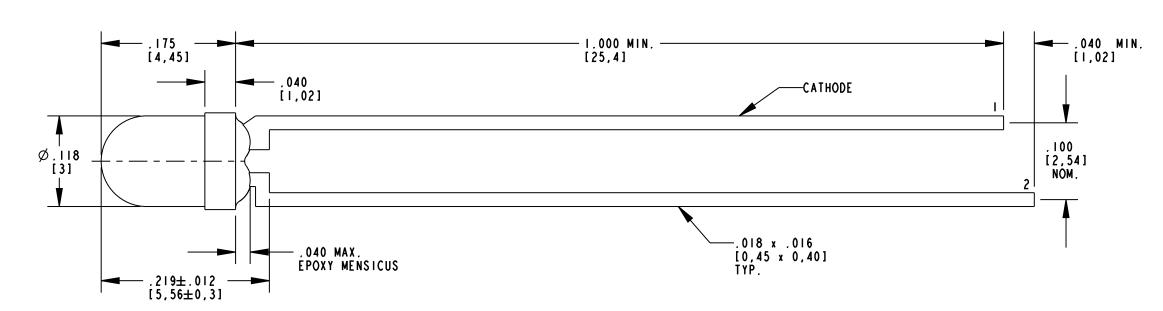
DIALIGHT PART NUMBER	LED COLOR	LENS COLOR
521-8132F	BLUE	WHITE DIFFUSED
521-8133F	GRFFN	WHITE DIFFUSED

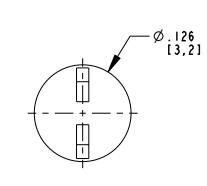
D-LIC	COMPI	TIAAI	
KOHS	LUIVIPL	_IANI	521-813XF

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

Example: 521-8132F.

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.





REVISIONS

NEW RELEASE

DRN CKD APP

AJF | KLJ | NO | 7-28-10

DATE

OPERATING CHARACTERISTICS AT 25°C AMBIENT							
LED CHARACTERISTICS	COLOR	MIN.	TYP.	MAX.	UNITS	TEST CONDITIONS	
LUMINOUS INTENSITY	BLUE	11.0	16.0	23.0	an a al	Ir = 2 mA	
	GREEN	38.0	58.0	85.0	mcd		
PEAK WAVELENGTH	BLUE		468				
	GREEN		518		nm		
DOMINANT WAVELENGTH	BLUE	460	470	475			
	GREEN	527	531	535	nm		
FORWARD VOLTAGE	BLUE	2.0	2.7	3.5	٧	Ir = 2 mA	
	GREEN	1,9	2.1	3.0	v		
REVERSE CURRENT	BLUE			100	A	Vr = 5 V	
	GREEN			100	μ Α	VK - J V	
VIEWING ANGLE	ALL		100		DEGREE		

ABSOLUTE MAXIMUM RATINGS AT 25°C AMBIENT	CO	UNITO	
ADSOLUTE MAXIMUM RATINGS AT 25 C AMBIENT	BLUE	GREEN	UNITS
POWER DISSIPATION	120	120	mW
PEAK FORWARD CURRENT (1/10 DUTY CYCLE, O.Ims PULSE WIDTH)	100	100	mA
CONTINUOUS FORWARD CURRENT	30	30	mA
LINEAR DERATING FROM 30°C	0.5	0.5	mA/°C
REVERSE VOLTAGE	5		٧
LEAD SOLDERING TEMPERATURE (.079" [2.0mm] FROM BODY) FOR 5 SEC.	260		°C
OPERATING TEMPERATURE	-25 TO +80		°C
STORAGE TEMPERATURE	-30 TO +100		°C

NOTES:

- I. DIE: InGaN BLUE GaN GREEN
- 2. LENS: WHITE DIFFUSED.
- 3. PIN NUMBERS ARE FOR REFERENCE ONLY, DESIGNATION NON-EXISTENT ON PART.
- 4. LEAD SPACING MEASURED NEAR EPOXY PACKAGE.

REV | ECN NO

- 5. DIALIGHT PART NUMBERS: 521-8132F & 521-8133F.
- 6. THIS ASSEMBLY CONTAINS ELECTROSTATIC DISCHARGE SENSITIVE DEVICES (ESDS), MAINTAIN ALL PRECAUTIONARY MEASURES DURING ASSEMBLY, HANDLING AND STORAGE IN ACCORDANCE WITH IPC-A-610.





THIS DRAWING AND THE	CONTENTS HEREIN A	ARE CONFIDENTIAL AND
THE SOLE PROPERTY OF D		
OR CONSTRUCTION OF		
FORBIDDEN WITHOUT	THE WRITTEN CONS	ENT OF DIALIGHT.

SC	ALE: 8.000	DRAWING	NUMB	ER			REV
TOLERANCE	'S IN: INCHES (MM) S: HERWISE SPECIFIED		C -	۱7	8	54	A
DECIMALS	S; ±1/64 (.XX); ±.02 (.XXX); ±.010	TITLE Ø 3mm LOW CURRENT LED ROHS COMPLIANT					
ANGLES:	±3°	MATERIAL				•	
FINISH:	-	Dic	glic	gh	1	I501 ROUTE : FARMINGDALE,	34 SOUTH NJ 07727
FSCM	83330	SHEET	ı OF	ı	F.	AMILY TABLE;	