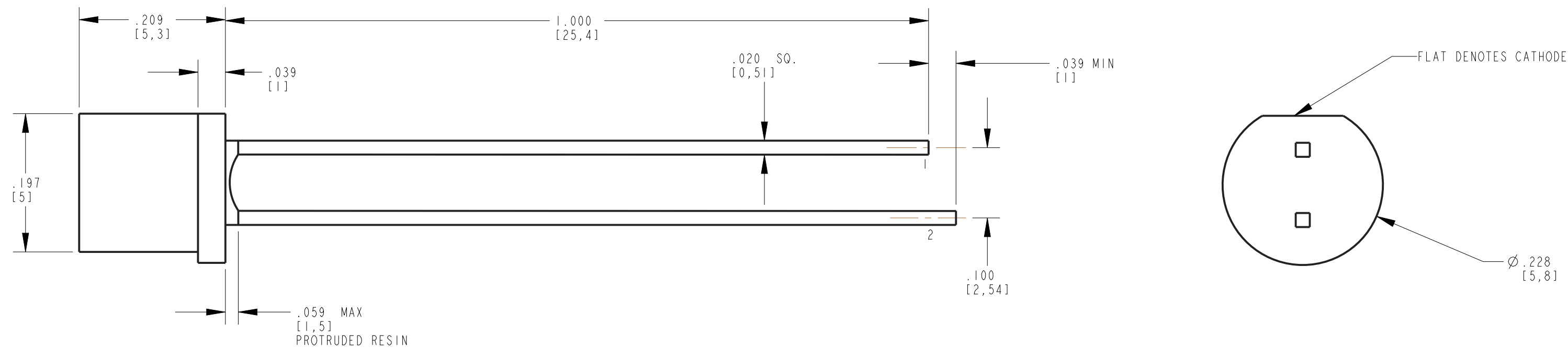


REV	ECN NO	REVISIONS	DRN	CKD	APP	QA	CM	DATE
A	96287	NEW RELEASE	LD	CS				8-10-22



CHROMATICITY COORDINATES	
x = 0.31	y = 0.32

OPERATING CHARACTERISTICS AT 25°C AMBIENT					
LED CHARACTERISTICS	MIN.	TYP.	MAX.	UNITS	TEST CONDITIONS
LUMINOUS INTENSITY	700	960	1500	mc d	I _F = 20 mA
FORWARD VOLTAGE	—	3.2	3.6	V	I _F = 20 mA
REVERSE CURRENT	—	—	50	μA	V _R = 5 V
VIEWING ANGLE	—	150	—	DEGREE	

ABSOLUTE MAXIMUM RATINGS AT 25°C AMBIENT		VALUE	UNITS
POWER DISSIPATION		108	mW
PEAK FORWARD CURRENT (1/10 DUTY CYCLE, 1ms PULSE WIDTH)		100	mA
CONTINUOUS FORWARD CURRENT		30	mA
REVERSE VOLTAGE		5	V
LEAD SOLDERING TEMPERATURE (.118" [3.0mm] MIN FROM BODY) FOR 5 SEC.		260	°C
OPERATING TEMPERATURE		-40 TO +85	°C
STORAGE TEMPERATURE		-35 TO +100	°C

NOTES:

- DIALIGHT PART NUMBER: 521-9974F
- EPOXY COLOR: WATER CLEAR.
- LED COLOR: InGaN COOL WHITE.
- THIS ASSEMBLY CONTAINS ELECTROSTATIC DISCHARGE SENSITIVE DEVICES (ESDS). MAINTAIN ALL PRECAUTIONARY MEASURES DURING ASSEMBLY, HANDLING AND STORAGE IN ACCORDANCE WITH IPC-610.
- THIS PRODUCT IS RoHS COMPLIANT. EACH BAG IS MARKED WITH RoHS COMPLIANT LABEL OR EQUIVALENT MARKINGS. LED MUST BE Pb FREE (RoHS COMPLIANT).



ATTENTION:
OBSERVE PRECAUTIONS FOR
HANDLING ELECTROSTATIC
SENSITIVE DEVICES

THIS DRAWING AND THE CONTENTS HEREIN ARE CONFIDENTIAL AND THE SOLE PROPERTY OF DIALIGHT CORP. REPRODUCTION OF THIS DRAWING OR CONSTRUCTION OF ANY PARTS WITHIN THIS DRAWING ARE FORBIDDEN WITHOUT THE WRITTEN CONSENT OF DIALIGHT CORP.		
SCALE: 7.000	DRAWING NUMBER	REV
ALL DIM's: INCH (mm)	C-18582	A
TOLERANCES: UNLESS OTHERWISE SPECIFIED	TITLE \varnothing 5mm FLAT CONE WHITE LED, WATER CLEAR	
FRACTIONS: $\pm 1/64$ DECIMALS (.XX): $\pm .02$ DECIMALS (.XXX): $\pm .010$	MATERIAL	
ANGLES: $\pm 1^\circ$	-	
FINISH	-	
FSCM 83330	SHEET 1 OF 1 FAMILY TABLE:	