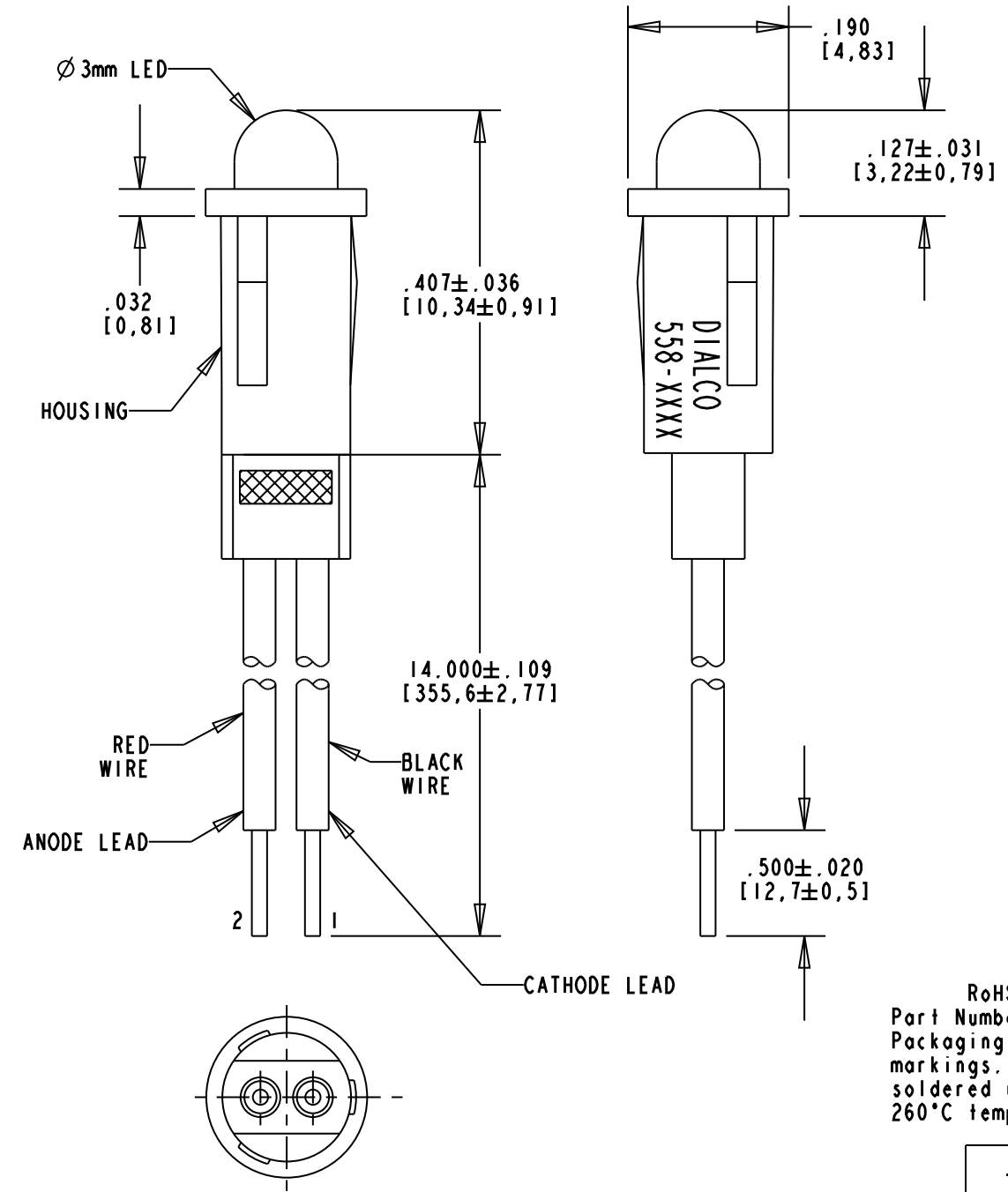


OPERATING CHARACTERISTICS AT 25°C AMBIENT														
PEAK WAVELENGTH (nm) TYP	DOMINANT WAVELENGTH (nm)			VIEWING ANGLE (°) 2 θ 1/2	LUMINOUS INTENSITY (mcd) @ If=2mA			FORWARD VOLTAGE (V) @ If=2mA			FORWARD VOLTAGE (V) @ If=20mA			REVERSE CURRENT (μA) MAX
	MIN	TYP	MAX		MIN	TYP	MAX	MIN	TYP	MAX	MIN	TYP	MAX	
518	527	531	535	100	50	85	110	1.9	2.1	3.0	3.0	3.5	4.0	100 @ Vr=5V

REV	ECN NO	REVISIONS	DRN	CKD	APP	DATE
A		NEW RELEASE	AJF	KLJ	CJC	1-11-10
B		LUMINOUS INTENSITY MIN. TYP. MAX. WERE "38,58,85"	AJF	KLJ	CJC	8-2-10

ABSOLUTE MAXIMUM RATINGS AT 25°C AMBIENT	VALUES	UNITS
POWER DISSIPATION	120	mW
CONTINUOUS FORWARD CURRENT	30	mA
PEAK FORWARD CURRENT (1/10 DUTY CYCLE, 0.1 ms PULSE WIDTH)	100	mA
DERATING LINEAR FROM 30°C	0.5	mA/°C
REVERSE VOLTAGE	5	V
SOLDERING TEMPERATURE (.079" FROM BODY)	260 FOR 5 SEC	°C
OPERATING TEMPERATURE	-25 TO +80	°C
STORAGE TEMPERATURE	-30 TO +100	°C



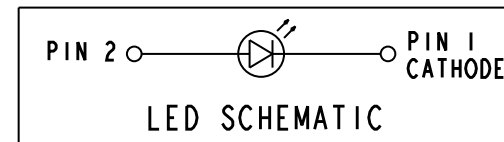
NOTES:

1. DIE: InGaN GREEN.
2. LENS: WHITE DIFFUSED.
3. REQUIRES EXTERNAL RESISTOR.
4. PIN NUMBERS FOR REFERENCE ONLY, DESIGNATION NON-EXISTENT ON PART.
5. RECOMMENDED MOUNTING HOLE: .155-.158" DIA. ON PANELS .031-.062" THICK.
6. DIALIGHT PART NUMBER 558-6203-802F.
7. THIS ASSEMBLY CONTAINS ELECTROSTATIC DISCHARGE SENSITIVE DEVICES (ESDS). MAINTAIN ALL PRECAUTIONARY MEASURES DURING ASSEMBLY, HANDLING, AND STORAGE IN ACCORDANCE WITH IPC-A-610.

RoHS COMPLIANT 558-6203-802F  
 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



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 ALL DIM'S IN: INCHES (MM)	DRAWING NUMBER C-17812	REV B
TOLERANCES: UNLESS OTHERWISE SPECIFIED FRACTIONS: ±1/64 DECIMALS (.XX): ±.02 DECIMALS (.XXX): ±.015	TITLE SNAP-IN LED PMI	
ANGLES: ±3° FINISH:	MATERIAL	
FSCM 83330	1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727	
SHEET 1 OF 1 FAMILY TABLE:		