

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

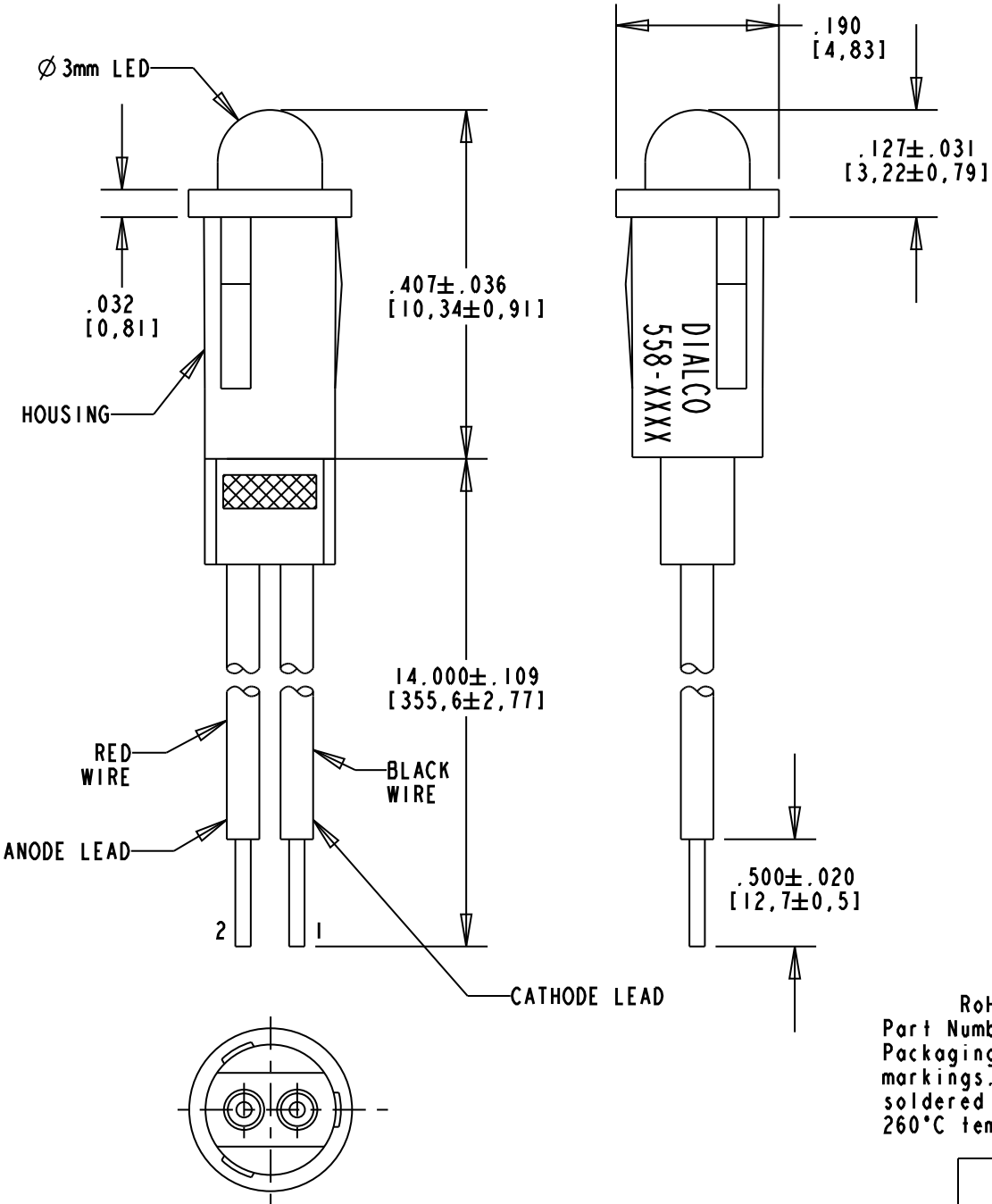
ABSOLUTE MAXIMUM RATINGS AT 25°C AMBIENT	VALUES	UNITS
POWER DISSIPATION	120	mW
CONTINUOUS FORWARD CURRENT	30	mA
PEAK FORWARD CURRENT (1/10 DUTY CYCLE, 0.1 ms PULSE WIDTH)	100	mA
DERATING LINEAR FROM 30°C	0.5	mA/°C
REVERSE VOLTAGE	5	V
SOLDERING TEMPERATURE (.079" FROM BODY)	260 FOR 5 SEC	°C
OPERATING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

NOTES:

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



ATTENTION:
OBSERVE PRECAUTIONS FOR
HANDLING ELECTROSTATIC
SENSITIVE DEVICES



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

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.

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

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Dialight:

558-6203-802F