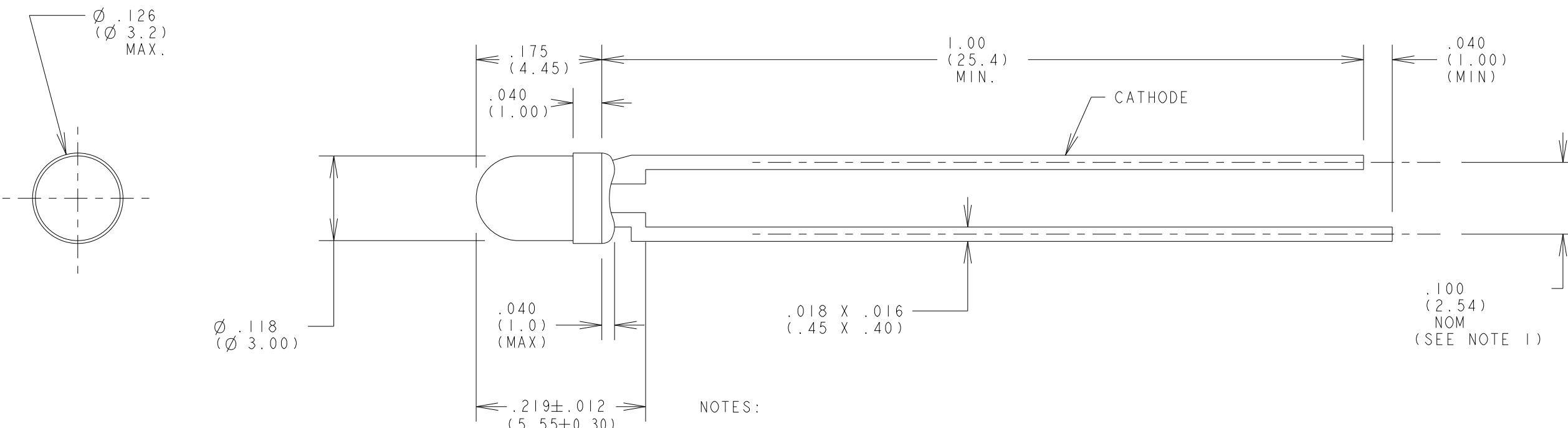


LED COLOR = GREEN DIFFUSED					
OPERATING CHARACTERISTICS AT 25°C AMBIENT					
CHARACTERISTICS	MIN	TYP	MAX	UNITS	TEST CONDITIONS
LUMINOUS INTENSITY	5.6	12.6		mcd	$I_F = 10 \text{ mA}$
FORWARD VOLTAGE	1.5	2.1	2.6	V	$I_F = 20 \text{ mA}$
REVERSE CURRENT			100	μA	$V_R = 5 \text{ V}$
DOMINANT WAVELENGTH	564	565	573	nm	
VIEWING ANGLE		60		Degree	

REV	ECN NO	REVISIONS	DRN	CKD	APP	DATE
A	—	NEW RELEASE	TWC	N.O.	MES	8-18-05
B	—	CHANGED NOTE 2	SM			
C	—	REVISED NOTE 2 AND UPDATED LED SPEC.	WFB	- -	N.O.	7-11-12

RoHS Compliant 521-9210F Thru hole Single Color LED

Part Numbers with the "F" suffix ending are RoHS Compliant.
Example: 521-9210F
The bag 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.



NOTES:

1. LEAD SPACING MEASURED NEAR EPOXY PACKAGE.
2. LEAD FINISH FORM OUTERMOST SURFACE: TIN (Sn) SILVER (Ag), COPPER (Cu) BASE METAL: MILD STEEL.
3. THIS ASSEMBLY CONTAINS ELECTROSTATIC DISCHARGE SENSITIVE DEVICES (ESDS). MAINTAIN ALL PRE-CAUTIONARY MEASURES DURING ASSEMBLY, HANDLING, AND STORAGE IN ACCORDANCE WITH IPC-A-610.
4. DIALIGHT PART NO. 521-9210F.



ATTENTION:
OBSERVE PRECAUTIONS FOR
HANDLING ELECTROSTATIC
SENSITIVE DEVICES

ABSOLUTE MAXIMUM RATING AT 25°C AMBIENT	UNITS	GREEN DIFF.
POWER DISSIPATION	mW	120
CONTINUOUS FORWARD CURRENT	mA	30
DERATE LINEARLY FROM 50°C	mA / °C	0.4
PEAK FORWARD CURRENT (1/10 DUTY CYCLE, 0.1 ms PULSE WIDTH)	mA	90
LEAD SOLDERING TEMPERATURE, 5 SEC., 1/16" FROM BODY	°C	260
OPERATING TEMPERATURE	°C	-55 TO +100
STORAGE TEMPERATURE	°C	-55 TO +100

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.	DRAWING NUMBER	REV
	C-17284	C
SCALE: DRAWING SCALE ALL DIM'S IN: INCHES (MM)		
TOLERANCES: UNLESS OTHERWISE SPECIFIED FRACTIONS: ±1/64 DECIMALS (.XX): ±.01 DECIMALS (.XXX): ±.005 DECIMALS (.XXXX): ±.0005 ANGLES: ±1°		
FINISH:		
FSCM 83330		
SHEET 1 OF 1		
FAMILY TABLE:		

Dialight 1501 ROUTE 34 SOUTH
FARMINGDALE, NJ 07727