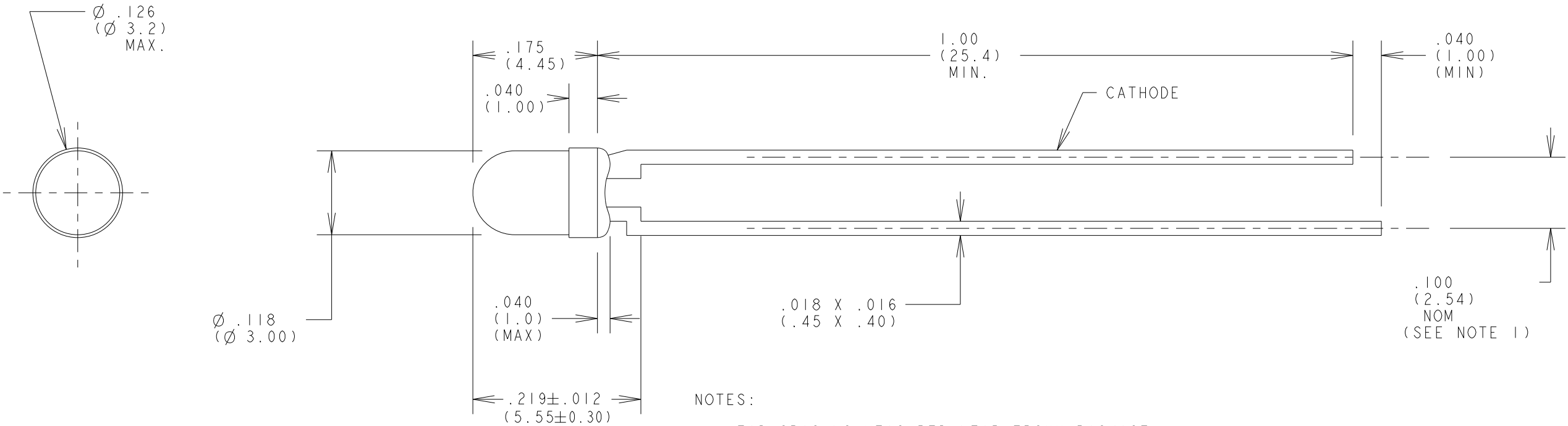


LED COLOR = GREEN DIFFUSED					
OPERATING CHARACTERISTICS AT 25°C AMBIENT					
CHARACTERISTICS	MIN	TYP	MAX	UNITS	TEST CONDITIONS
LUMINOUS INTENSITY	5.6	12.6		mcd	I <sub>F</sub> = 10 mA
FORWARD VOLTAGE	1.5	2.1	2.6	V	I <sub>F</sub> = 20 mA
REVERSE CURRENT			100	μA	V <sub>R</sub> = 5 V
DOMINANT WAVELENGTH	564	565	573	nm	
VIEWING ANGLE		60		Degree	

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.

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




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

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SCALE: DRAWING SCALE	DRAWING NUMBER  C-17284	REV  C
ALL DIM'S IN: INCHES (MM)		
TOLERANCES: UNLESS OTHERWISE SPECIFIED	TITLE  3 mm LED RoHS COMPLIANT	
FRACTIONS: ±1/64 DECIMALS (.XX): ±.01 DECIMALS (.XXX): ±.005 DECIMALS (.XXXX): ±.0005 ANGLES: ±1°		
FINISH:	MATERIAL	
FSCM 83330		1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727
	SHEET 1 OF 1	FAMILY TABLE: