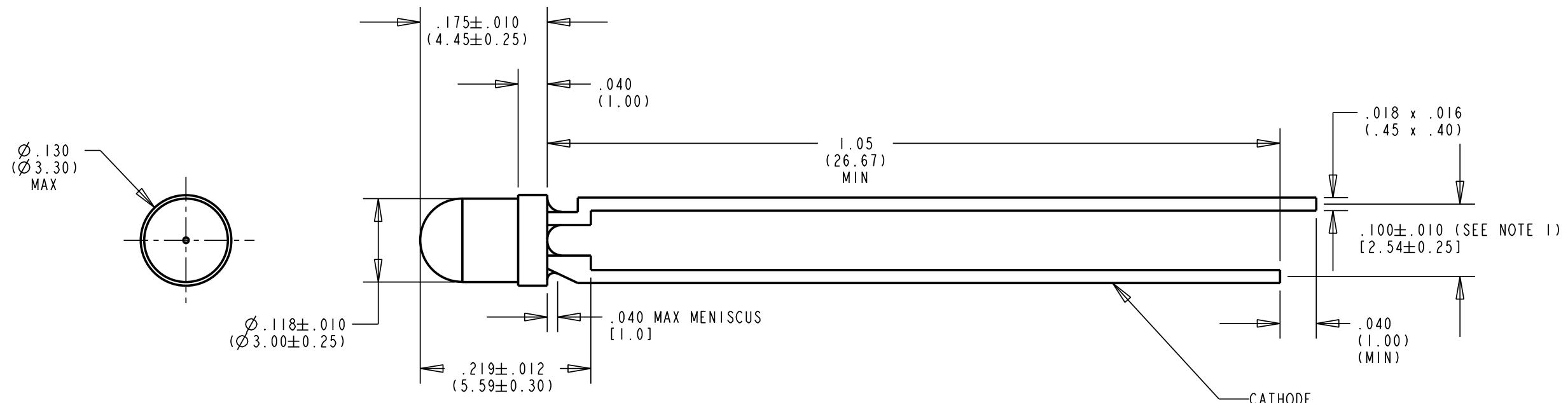


LED COLOR = YELLOW DIFFUSED					
OPERATING CHARACTERISTICS AT 25°C AMBIENT					
CHARACTERISTICS	MIN	TYP	MAX	UNITS	TEST CONDITIONS
LUMINOUS INTENSITY	7.4	10		mcd	$I_F = 10 \text{ mA}$
FORWARD VOLTAGE		2.1	2.8	V	$I_F = 20 \text{ mA}$
REVERSE CURRENT		100		$\mu\text{A}$	$V_R = 5\text{V}$
PEAK WAVELENGTH		585		nm	
VIEWING ANGLE		60		Degree	

REV	ECN NO	REVISIONS	DRN	CKD	APP	DATE
A	—	NEW RELEASE	SM			

NOTES:

1. LEAD SPACING MEASURED NEAR EPOXY PACKAGE.
2. LEAD FINISH: TIN (Sn) OVER NICKEL (Ni)
3. DIALIGHT PART NO. 521-9211F



**RoHS Compliant 521-9211F Thru hole Single Color LED**

Part Numbers with the "F" suffix ending are RoHS Compliant.  
 Example: 521-9211F  
 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.

ABSOLUTE MAXIMUM RATING AT 25°C AMBIENT	UNITS	YELLOW DIFF.
POWER DISSIPATION	mW	60
CONTINUOUS FORWARD CURRENT	mA	20
DERATE LINEARLY FROM 50°C	mA / °C	0.25
PEAK FORWARD CURRENT (1/10 DUTY CYCLE, 0.1 ms PULSE WIDTH)	mA	80
LEAD SOLDERING TEMPERATURE, (.063)/(1.60) FOR 5 SEC., FROM BODY FOR 5 SEC	°C	260
OPERATING TEMPERATURE	°C	-55 TO +100
STORAGE TEMPERATURE	°C	-55 TO +100

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SCALE: 6.000	DRAWING NUMBER	REV
ALL DIM'S IN: INCHES (MM)	C-17467	A
TOLERANCES: UNLESS OTHERWISE SPECIFIED		
FRACTIONS: ±1/64 DECIMALS (.XX): ±.01 DECIMALS (.XXX): ±.005 DECIMALS (.XXXX): ±.0005 ANGLES: ±1°		
MATERIAL		
FINISH:		
Dialight	1501 ROUTE 34 SOUTH	
	FARMINGDALE, NJ 07727	
FSCM 83330	SHEET 1 OF 1	FAMILY TABLE: