

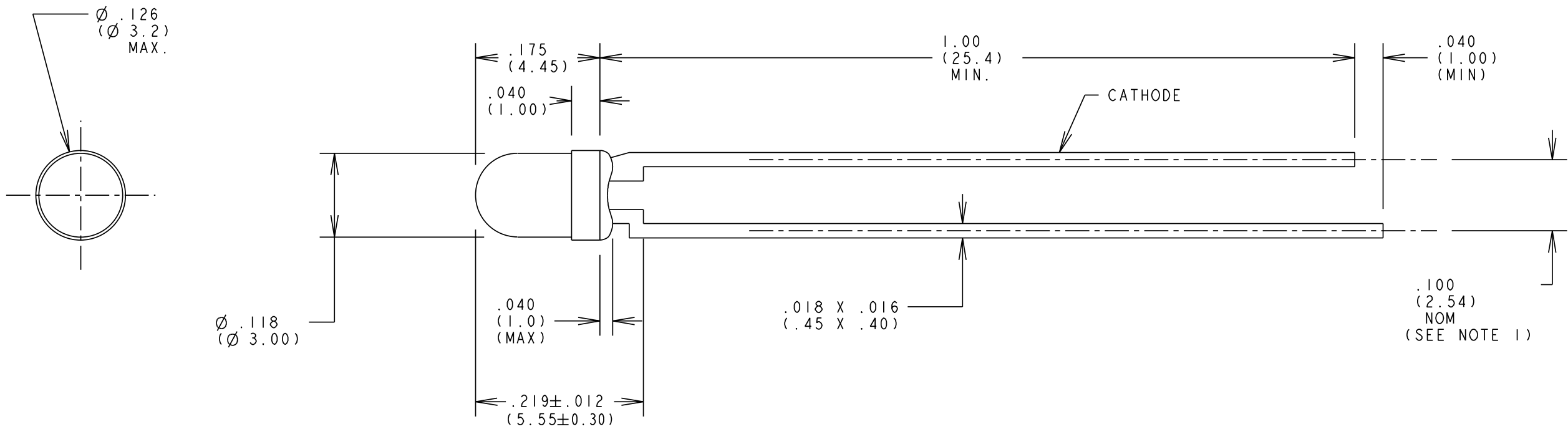
LED COLOR = YELLOW WATER CLEAR

OPERATING CHARACTERISTICS AT 25°C AMBIENT

CHARACTERISTICS	MIN	TYP	MAX	UNITS	TEST CONDITIONS
LUMINOUS INTENSITY	180	320		mcd	$I_f = 20 \text{ mA}$
FORWARD VOLTAGE		2.0	2.4	V	$I_f = 20 \text{ mA}$
REVERSE CURRENT			100	$\mu\text{A}$	$V_R = 5 \text{ V}$
PEAK WAVELENGTH		588		nm	
DOMINANT WAVELENGTH	586	589	592	nm	
VIEWING ANGLE		56		Degree	

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

- NOTES:
- LEAD SPACING MEASURED NEAR EPOXY PACKAGE.
  - DIALIGHT PART NO. 521-9889F.



**RoHS Compliant 521-9889F Thru hole Single Color LED**

Part Numbers with the "F" suffix ending are RoHS Compliant.  
 Example: 551-9889F  
 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 WATER CLEAR
POWER DISSIPATION	mW	75
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	60
LEAD SOLDERING TEMPERATURE, 5 SEC., 1/16" FROM BODY	°C	260
OPERATING TEMPERATURE	°C	-55 TO 100
STORAGE TEMPERATURE	°C	-40 TO 100

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SCALE: DRAWING SCALE ALL DIM'S IN: INCHES (MM)	DRAWING NUMBER C-17484	REV A
TOLERANCES: UNLESS OTHERWISE SPECIFIED FRACTIONS: ±1/64 DECIMALS (.XX): ±.01 DECIMALS (.XXX): ±.005 DECIMALS (.XXXX): ±.0005 ANGLES: ±1°	TITLE 3mm LED AlInGaP YELLOW WATER CLEAR LENS, RoHS COMPLIANT	
FINISH:	MATERIAL	
FSCM 83330	Dialight 1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727	
SHEET 1 OF 1 FAMILY TABLE:		

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