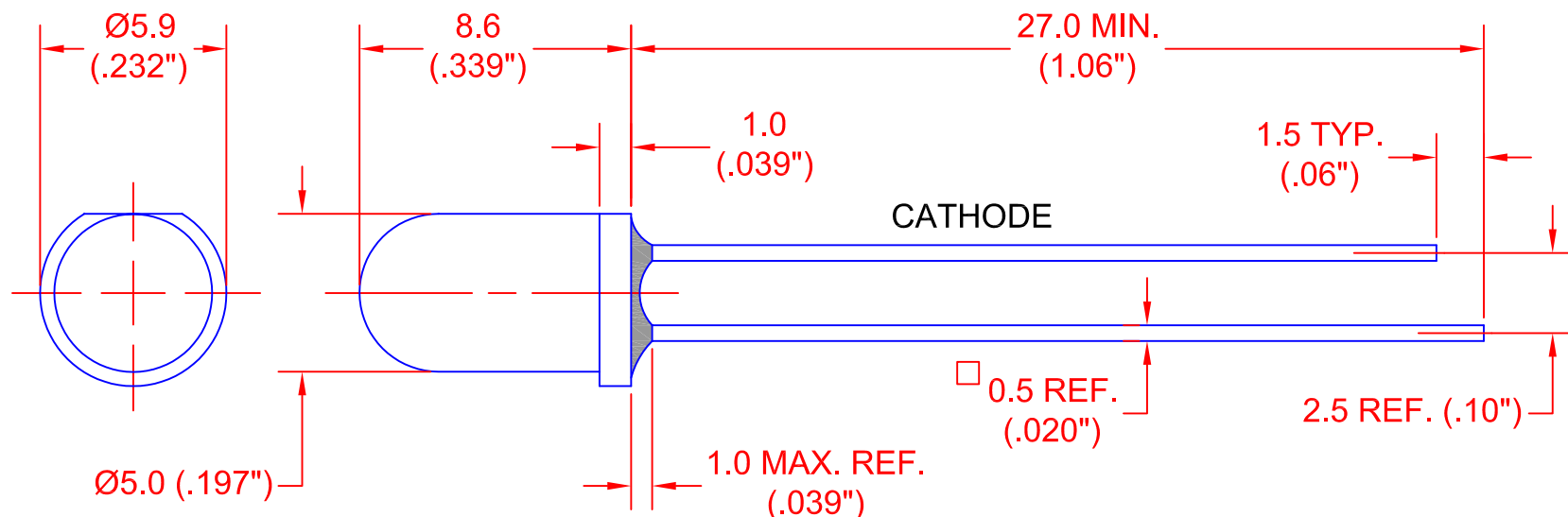


REV.	DESCRIPTION/ECO NO.	DATE
	RELEASED	1/6/09
A	INTENSITY CHNG MIN. & TYP.	3/9/10



### ELECTRICAL & OPTICAL CHARACTERISTICS

JKL PART NUMBER	FORWARD VOLTAGE (DC)		FORWARD CURRENT (mA)		OPERATING TEMP. (C)		INTENSITY mcd		PEAK WAVELENGTH nm	COLOR	
	TYP.	MAX.	TYP.	MAX.	MIN.	MAX.	MIN.	TYP.		LED SOURCE (DICE)	LENS TYPE TYPE
	ZB-224GY	2.2	2.5	20	30	-40	+85	10	20	555	GREEN (GaP)
2.1		2.5	20	30	4			10	590	YELLOW (GaAsP/GaP)	DIFFUSED

NOTE: DEVICE IS A BI-DIRECTIONAL DEVICE. CURRENT FLOW IN BOTH DIRECTIONS IS POSSIBLE WITH COLOR CHANGING WITH CURRENT DIRECTION.

**ELECTRO STATIC DISCHARGE PROTECTION REQUIRED WHEN HANDLING DEVICES.**

 THIRD ANGLE PROJECTION	METRIC DIMENSIONS ARE IN MILLIMETERS (INCHES)	<b>JKL COMPONENTS CORPORATION</b>			
	TOLERANCE UNLESS OTHERWISE SPECIFIED ±0.25mm (±0.01)	TITLE T-1 3/4 BI-COLOR LED, STANDARD STRAIGHT FRAME ROUND LED LAMP			
DRAWN BY L. WENGSTROM	APPV'D BY L.R.	DATE 3/9/10	SIZE A	FSCM NO. 55335	DRAWING NO. ZB-224GY
- CAD DRAWING - MANUAL REVISIONS NOT PERMITTED			SCALE NONE	RELEASED DATE 1/6/09	REVISION DATE 3/9/10
				REV. NO. A	SHEET 1 OF 1