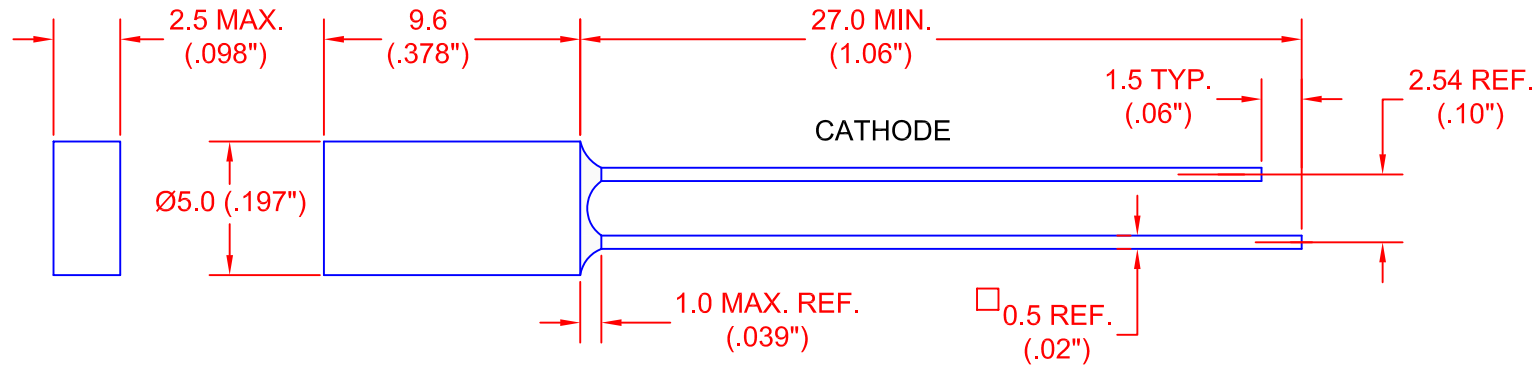


REV.	DESCRIPTION/ECO NO.	DATE
	RELEASED	11/5/08



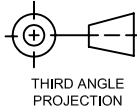
### ELECTRICAL & OPTICAL CHARACTERISTICS

JKL PART NUMBER	FORWARD VOLTAGE (DC)		FORWARD CURRENT (mA)*		OPERATING TEMP. (C)		INTENSITY mcd**		PEAK WAVELENGTH nm	COLOR		TYP. VIEWING 1/2 ANGLE DEGREE
	TYP.	MAX.	TYP.	MAX.	MIN.	MAX.	MIN.	TYP.		LED SOURCE (DICE)	LENS TYPE TYPE	
<b>Z-521RH</b>	2.0	2.5	10	25	-40	+85	1.5	2.5	625	HIGH INTENSITY RED GaAsP/GaP	RED TOP DIFFUSED	100

\* CONTINUOUS-DUTY RATING

\*\* INTENSITY VALUES ARE AT TYPICAL FORWARD CURRENT OF 10mA

NOTE: ELECTRO STATIC DISCHARGE PROTECTION REQUIRED  
WHEN HANDLING DEVICES.

<b>METRIC</b>  THIRD ANGLE PROJECTION		DIMENSIONS ARE IN MILLIMETERS (INCHES) TOLERANCE UNLESS OTHERWISE SPECIFIED ±0.25mm (±0.01")		<b>JKL COMPONENTS CORPORATION</b>			
DRAWN BY L. WENGSTROM		APPV'D BY DATE L.R. 11/5/08		SIZE <b>A</b>	FSCM NO. <b>55335</b>	DRAWING NO. <b>Z-521RH</b>	
- CAD DRAWING - MANUAL REVISIONS NOT PERMITTED				SCALE NONE	RELEASED DATE 11/5/08	REVISION DATE	
				REV. NO.	SHEET 1 OF 1		