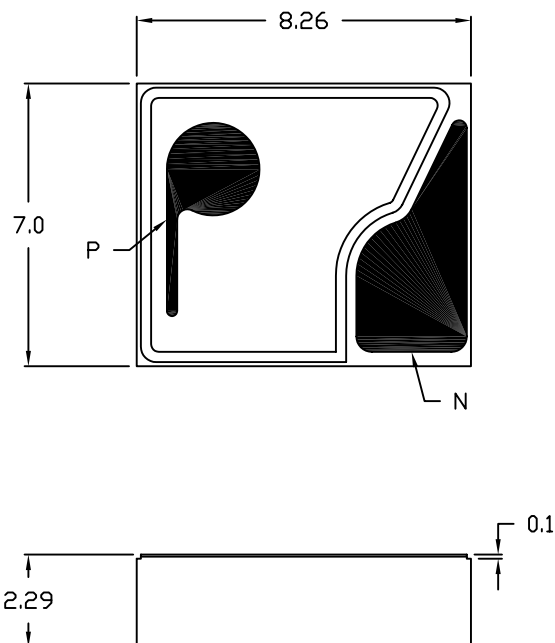




ELECTRO-OPTICAL CHARACTERISTICS:

PARAMETER	SYMBOL	MIN	TYP	MAX	UNITS	TEST COND
FORWARD VOLTAGE	V_f		3.2	3.4	V	$I_f=20\text{mA}$
REVERSE CURRENT	I_r			10	μA	$V_r=5\text{V}$
PEAK WAVELENGTH	λ_p	500		505	nm	$I_f=20\text{mA}$
LUMINOUS INTENSITY	I_v		120		mcd	$I_f=20\text{mA}$

NOTES:

1. UNITS: mil
2. WIRE BOND METALLIZATION: GOLD.

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= +DECIMAL PRECISION -0.00 MAX= +0.00 -DECIMAL PRECISION

REV.

PART NUMBER

SSD-LX008E505GGPNU

505nm GREEN LED DIE.

CONFIDENTIAL INFORMATION

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RELIABILITY NOTE

OUR MANY YEARS OF EXPERIENCE DATA ACCUMULATION INDICATE THAT SOLDER HEAT IS A MAJOR CAUSE OF EARLY AND FUTURE FAILURE. PLEASE PAY ATTENTION TO YOUR SOLDERING PROCESS.



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DATE: 5.13.04

PAGE: 1 OF 1

SCALE: N/A