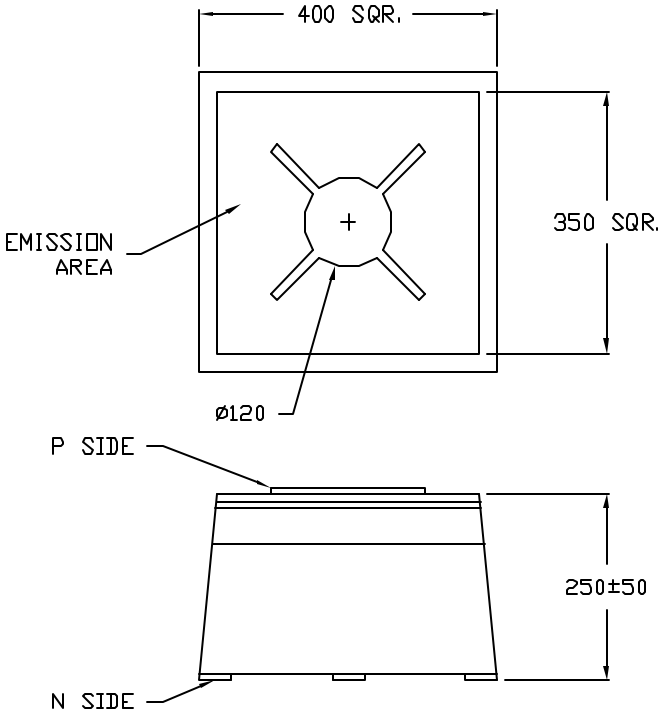
UNCONTROLLED DOCUMENT

PART NUMBER	REV.
SSD-LX010E1200CGPU	A

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #11324.	4.14.06



ELECTRO-OPTICAL CHARACTERISTICS:

PARAMETER	SYMBOL	TEST COND	MIN	TYP	MAX	UNITS
FORWARD VOLTAGE	V_f	I_f=20mA		0.8	1.3	V
REVERSE CURRENT	I_r	V_r=3V			10	μA
PEAK WAVELENGTH	λ_p	I_f=20mA		1200		nm
SPECTRA HALF-WIDTH	$\Delta\lambda$	I_f=20mA		50		nm
POWER INTENSITY	I_v	I_f=20mA		0.6		mW

CAUTION: STATIC SENSITIVE DEVICE
FOLLOW PROPER E.S.D. HANDLING PROCEDURES WHEN WORKING WITH THIS PART.

NOTES:

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

UNCONTROLLED DOCUMENT

*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
A	SSD-LX010E1200CGPU

1200nm INFRARED LED DIE.

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.

290 E. HELEN ROAD
PALATINE, IL 60067-6976
PHONE: +1.847.359.2790
US WEB: www.lumex.com
TW WEB: www.lumex.com.tw

DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE: 5.11.04
BC			PAGE: 1 OF 1
			SCALE: N/A