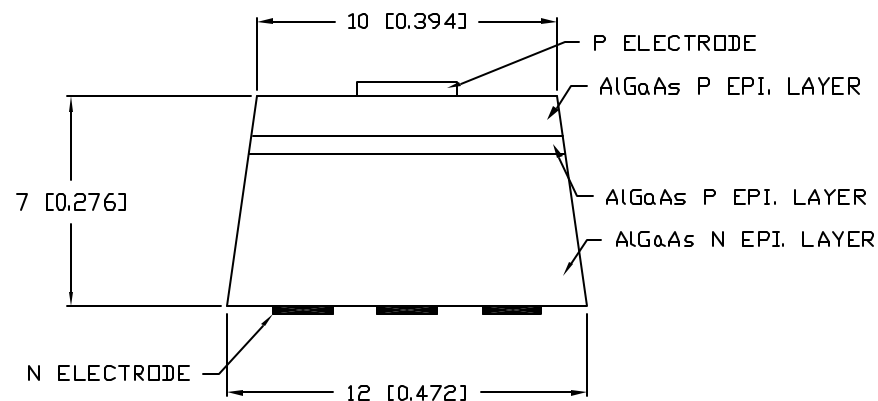
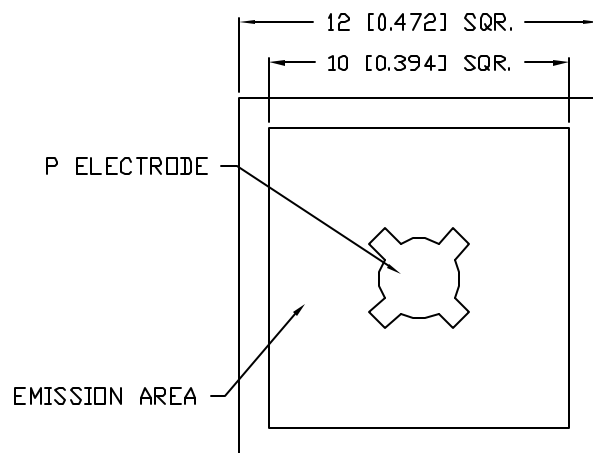




ELECTRO-OPTICAL CHARACTERISTICS:

PARAMETER	SYMBOL	TEST COND	MIN	TYP	MAX	UNITS
FORWARD VOLTAGE	V_f	$I_f=20\text{mA}$		1.5	1.7	V
REVERSE CURRENT	I_r	$V_r=5\text{V}$			10	μA
PEAK WAVELENGTH	λ_p	$I_f=20\text{mA}$		850		nm
SPECTRA HALF-WIDTH	$\Delta\lambda$	$I_f=20\text{mA}$		50		nm
RADIANT POWER	P_o	$I_f=20\text{mA}$	1.5			mW
OPTICAL RISE TIME	T_r	$I_f=20\text{mA}$		11		ns
OPTICAL FALL TIME	T_f	$I_f=20\text{mA}$		7		ns

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

NOTES:

1. UNITS: mil
2. WIRE BOND METALLIZATION: GOLD.
3. P SIDE UP ON WAFER.

REV.

PART NUMBER

SSD-LX012E850DGPU

850nm IR CHIP.

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: 10.1.03

PAGE: 1 OF 1

SCALE: N/A