

UNCONTROLLED DOCUMENT

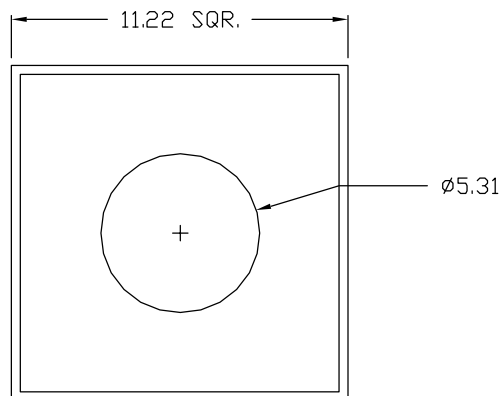
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PART NUMBER

REV.

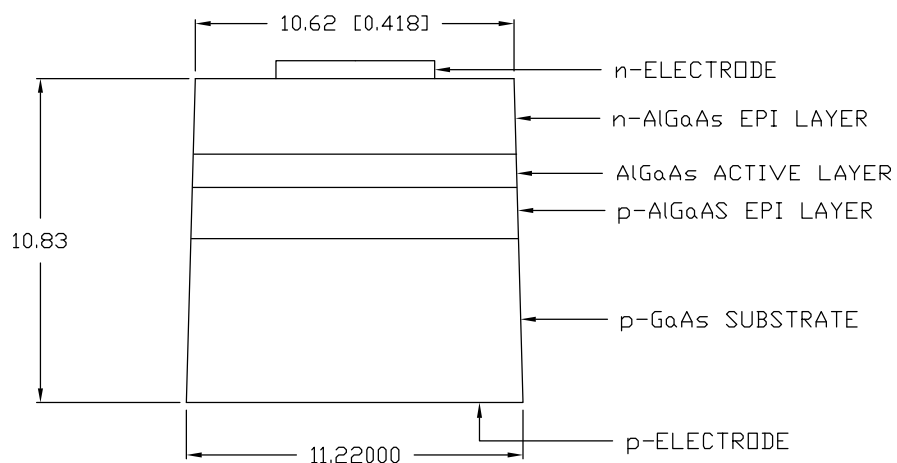
SSD-LX012E660U6NU

PRELIMINARY IN P/N DIR



ELECTRO-OPTICAL CHARACTERISTICS:

PARAMETER	SYMBOL	TEST COND	MIN	TYP	MAX	UNITS
FORWARD VOLTAGE	V_f	$I_f=20\text{mA}$		1.85	2.0	V
REVERSE CURRENT	I_r	$V_r=5\text{V}$			10	μA
PEAK WAVELENGTH	λ_p	$I_f=20\text{mA}$		660		nm
SPECTRA HALF-WIDTH	$\Delta\lambda$	$I_f=20\text{mA}$		20		nm
LUMINOUS INTENSITY	I_v	$I_f=20\text{mA}$	15			mcd



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.

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660nm AlGaAs CHIP, GOLD BOND PAD, N-SIDE UP.

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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SCALE: N/A