

UNCONTROLLED DOCUMENT

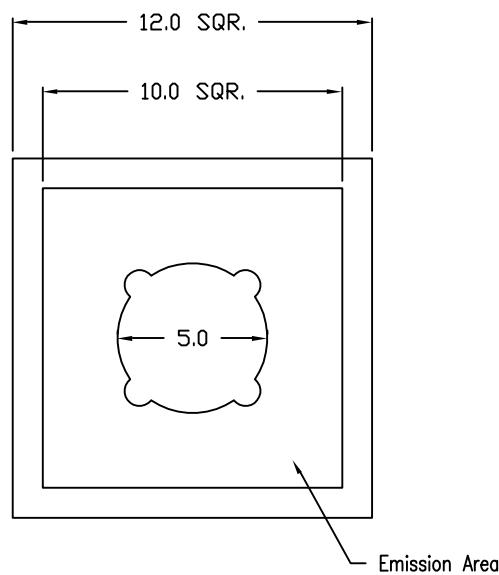
SC:0.25

PART NUMBER

REV.

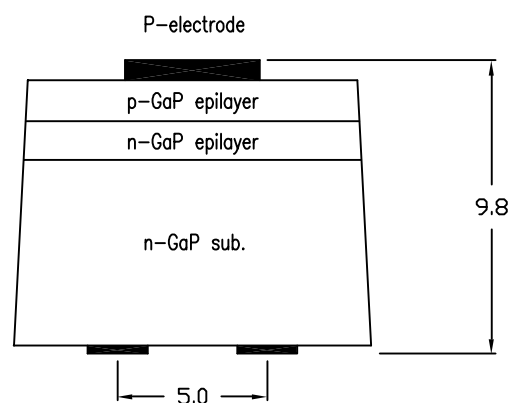
SSD-LX012E568BAPU

PRELIMINARY IN P/N DIR



ELECTRO-OPTICAL CHARACTERISTICS:

| PARAMETER          | SYMBOL          | TEST COND         | MIN | TYP | MAX | UNITS         |
|--------------------|-----------------|-------------------|-----|-----|-----|---------------|
| FORWARD VOLTAGE    | $V_f$           | $I_f=20\text{mA}$ | 1.8 | 2.2 | 2.6 | V             |
| REVERSE CURRENT    | $I_r$           | $V_r=5\text{V}$   |     |     | 10  | $\mu\text{A}$ |
| PEAK WAVELENGTH    | $\lambda_p$     | $I_f=20\text{mA}$ |     | 568 |     | nm            |
| SPECTRA HALF-WIDTH | $\Delta\lambda$ | $I_f=20\text{mA}$ |     | 30  |     | nm            |
| LUMINOUS INTENSITY | $I_v$           | $I_f=20\text{mA}$ | 7   |     |     | 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: ALUMINUM.
3. P SIDE UP ON WAFER.

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GaP GREEN LED CHIP.

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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