UNCONTROLLED DOCUMENT PANEL CUTOUT 11.95 [0.470] SQR. (MAX.) 10.25 [0.406] SQR. 9,10 [0,358] SQR. (MAX.) 1.20 [0.047] 10.80 [0.425] 7.50 [0.295] SQR. 2,54 [0,100] 2 LUMEX 18.24 [0.718] 16.20 [0.638]

PART NUMBER

REV.

SSI-LXMP5011GC5V15

REV. E.C.N. NUMBER AND REVISION COMMENTS DATE E.C.N. #10BRDR, & REDRAWN IN 3D, 11,2,01 Α В 5.17.02 E.C.N. #10881.

■ ELECTRO-OPTICAL CHARACTERISTICS T_A=25°C $V_f = 5 V$ PARAMETER MAX UNITS TEST COND PEAK WAVELENGTH 565 nm FORWARD VOLTAGE 5.0 7.0 ٧f REVERSE VOLTAGE 5.0 ٧r $I_r = 100 \mu A$ AXIAL INTENSITY $V_f = 5 V$ mcd VIEWING ANGLE 60 2x theta EMITTED COLOR: GREEN EPOXY LENS FINISH: WATER CLEAR LENS

LIMITS OF SAFE OPERATION AT 25°C PER DIE

PARAMETER	MAX	UNITS
PEAK FORWARD VOLTAGE	7	٧
STEADY CURRENT	12	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	- 1.2	mW/°C
OPERATING, STORAGE TEMP.	- 40 TO +85	' C
SOLDERING TEMP.	+ 260	' C
2.0mm FROM BODY		3 SEC. MAX

NOTES:

- 1. SSL-LX4D73GD-5V LED, GREEN. (INSIDE)
 - 2. SSH-LXMP5011 HOLDER, BLACK.
 - 3. LXP-LXN5011G, WATER CLEAR LENS.
 - 4. ANODE LEAD; LXP-WST24RDTOC, 24 AWG STRANDED, TOP OVERCOAT, RED INSULATION, CUT 160mm LONG, STRIP 4mm & 9.5mm.
- 5. CATHODE LEAD: LXP-WST24BLTOC, 24 AWG STRANDED, TOP OVERCOAT. BLACK INSULATION, CUT 160mm LONG, STRIP 4mm & 9.5mm.
- 6. HEAT SHRINK: LXP-HEATSHRINK-4, 1/8" x 1/2". (1 PIECE)
- 7. 'LUMEX' ON FRONT (ANODE SIDE) OF PART.

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECINAL PRECISION ARE: X=±1 (±0.039), XX=±0.5 (±0.020), XXX=±0.25 (±0.0010), XXXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= +DECINAL PRECISION MAX.= +0.00 (±0.002), XXX=±0.127 (±0.005).

REV. PART NUMBER SSI-LXMP5011GC5V15

9.50 [0.374]

4.95 [0.195]

152.4^{+10.00}

6.000^{+0.394}
0.000 _

12mm SQUARE PANEL INDICATOR WITH LENS, 565nm GREEN LED, 5V, WATER CLEAR LENS. 6" WIRE LEADS.

CONFIDENTIAL INFORMATION
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-- 10.06 [0.396]

--- 7.06 [0.278]

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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DRAWN BY: CHECKED BY: APPROVED BY: DATE: 5.17.02 PAGE: 1 OF 1 SCALE: N/A GB

Mouser Electronics

Authorized Distributor

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