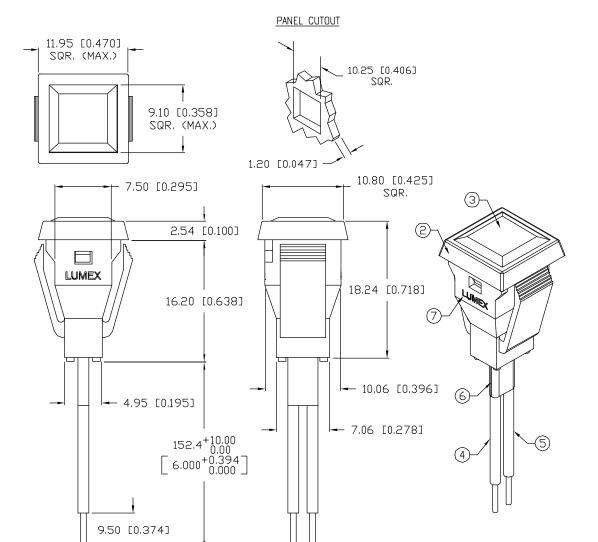
## SSI-LXMP5011SUGC15



ELECTRO-OPTICAL CH	ARACTER	STICS TA=25°C		$I_f = 20 \text{mA}$	
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		574		nm	
FORWARD VOLTAGE		2.2	2.6	٧f	
REVERSE VOLTAGE	5.0			$V_r$	I <sub>r</sub> =100,uA
AXIAL INTENSITY		100		mcd	$I_f = 20 \text{mA}$
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	GREEN				
EPOXY LENS FINISH:	WATER	CLEAR			

## LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	125	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING, STORAGE TEMP.	- 40 TO +85	•C

\* t<10µS

## NOTES:

- 1. SSL-LX4073SUGD LED, GREEN. (INSIDE)
- 2. SSH-LXMP5011 HOLDER, BLACK.
- 3. LXP-LXN5011C, 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.

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 MAX.= +0.00

CONFIDENTIAL INFORMATION REV. PART NUMBER THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF LUMEX INC. EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY LUMEX SSI-LXMP5011SUGC15

12mm SQUARE PANEL INDICATOR WITH LENS. 574nm GREEN LED, WATER CLEAR LENS, 6" WIRE LEADS.

INC., THE HOLDER OF THIS DOCUMENT SHALL KEEP ALL INFORMATION CONTAINED HEREIN CONFIDENTIAL AND SHALL PROTECT SAME IN WHOLE OR IN PART FROM DISCLOSURE AND DISSEMINATION TO ALL THIRD PARTIES.

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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CHECKED BY: APPROVED BY: DATE: DRAWN BY:

PAGE: 1 OF 1 SCALE: N/A

6.5.03