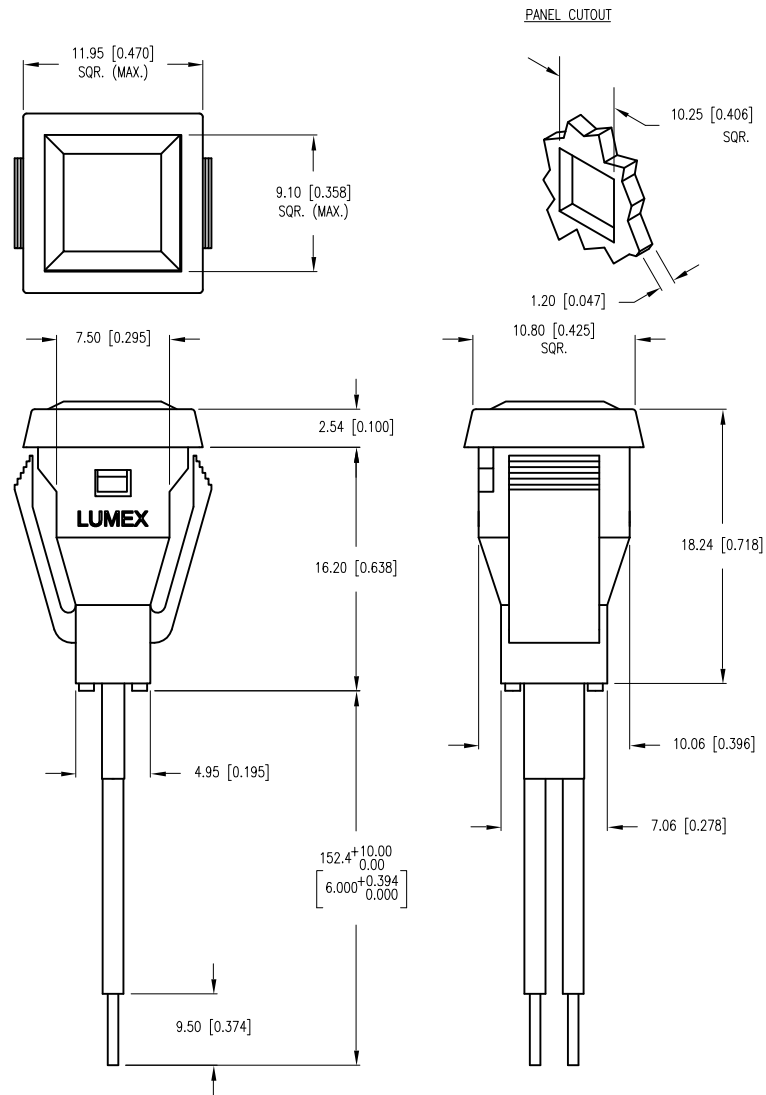


PART NUMBER	SSI-LXMP5011UPGC15	REV.	A
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
11.24.10	E.C.N. #11681.		A



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

[A] ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $I_f=20\text{mA}$				
PARAMETER	MIN	TYP	MAX	UNITS TEST COND
PEAK WAVELENGTH		515		nm
FORWARD VOLTAGE		3.3	4.1	V_f
REVERSE VOLTAGE	5.0			V_r $I_f=100\mu\text{A}$
AXIAL INTENSITY		6100		mcd $I_f=20\text{mA}$
VIEWING ANGLE		60		2x theta
EMITTED COLOR:	GREEN			
EPOXY LENS FINISH:	WATER CLEAR			

[A] LIMITS OF SAFE OPERATION AT 25°C		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	102.5	mW
DERATE FROM 25°C	-1.6	mW/ $^\circ\text{C}$
OPERATING, STORAGE TEMP.	-40 TO +85	$^\circ\text{C}$

* $t < 10\mu\text{s}$

NOTES:

- SSL-LX4073UPGC LED, GREEN. (INSIDE)
- SSH-LXMP5011 HOLDER, BLACK.
- LXP-LXN5011C, WATER CLEAR LENS.
- ANODE LEAD: LXP-WST24RDT0C, 24 AWG STRANDED, TOP OVERCOAT, RED INSULATION, CUT 160mm LONG, STRIP 4mm & 9.5mm.
- CATHODE LEAD: LXP-WST24BLT0C, 24 AWG STRANDED, TOP OVERCOAT, BLACK INSULATION, CUT 160mm LONG, STRIP 4mm & 9.5mm.
- HEAT SHRINK: LXP-HEATSHRINK-4, 1/8" x 1/2". (1 PIECE)
- 'LUMEX' ON FRONT (ANODE SIDE) OF PART.

*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 -0.00 -DECIMAL PRECISION



290 E. HELEN ROAD
PALATINE, IL 60067-6976
PHONE: +1.847.359.2790
FAX: +1.847.359.6538
WEB: WWW.LUMEX.COM

12mm SQUARE PANEL INDICATOR WITH LENS, 515nm GREEN LED, WATER CLEAR LENS, 6" WIRE LEADS.

THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.

CONFIDENTIAL INFORMATION
THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF LUMEX INC. EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY LUMEX 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.

DATE: 07.10.02	DRAWN BY: GB
PAGE: 1 OF 1	CHKD BY: BC
SCALE:	APRVD BY: KF
UNIT: mm [INCH]	(P)