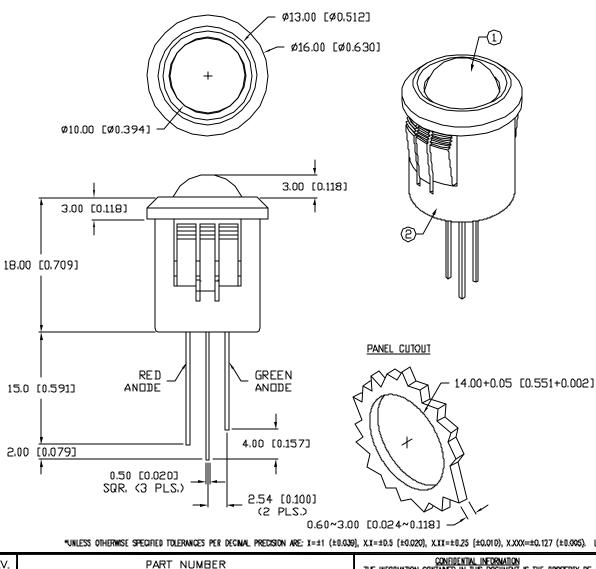
## UNCONTROLLED DOCUMENT

## CAUTION: PRESSURE SENSITIVE ASSEMBLY AVOID APPLYING PRESSURE TO LED DURING PANEL ASSEMBLY.



## PART NUMBER SSI-LXH1090SISUGW3

ELECTRO-OPTICAL CHARACT	Eristics	TA=25°C	lf=20	ImA	
PARAMETER	MIN	TYP	MAX	UNITS	test cond
PEAK WAVELENGTH		636 (RED)		nm	
		574 (GREEN	)	nm	
FORWARD_VOLTAGE (R/G)		2.0/2.2	2.5/2.6	٧f	
REVERSE VOLTAGE	5.0			۷r	I <sub>r</sub> =100,µА
AXIAL INTENSITY (R/G)		500/200		mcd	lf=20mA
VIEWING ANGLE		60		2x theta	
EMITTED COLOR; RED,	/GREEN				
EPOXY LENS FINISH: MILK	Y WHITE	DIFFUSED			

	LIMITS OF SAFE OPERATION			
Ī	PARAMETER	COLORS	MAX	UNITS
Ī	PEAK FORWARD CURRENT*		150	mA
	STEADY CURRENT	(R/G)	30/25	mA
	POWER DISSIPATION		105	Ш
	DERATE FROM 25'C		-1.2	mW/°C
1	OPERATING, STORAGE TEMP.		-40 TD +85	Ϋ́ .
!	Soldering Temp.		+ 260	<b>'</b> C
ן נ	2.0mm FROM BODY			3 SEC. MAX

\* t<10µS

NOTES;

1. SSL-LX1001395ISUGW, BICOLOR LED. 2. SSH-RTF1090, BLACK HOLDER.

	(2 PLS.) 0.60~3.0 "Unless otherwise specified tolerances per deginal precision are: x=±1 (±0.03	00 [0.024~0.118] 9), xx=±0.5 (±0.020), xxx=±0.25 (±0.010), xxxx=±0.127 (±0.005). L	L//V EAU SIZE=±0.05 (±0.002),	CONTROL LEAD LENGTH=±0.75 (±0.03	LLED DO 50), WN= +DECINAL PRECISION	NCUMENT N MAX.= +0.00 DECIMAL PRECISION
REV.	PART NUMBER	<u>confidential information</u> The information contained in this document is the property of	1 672		) E. HELEN ROAD ATINE, IL 6006	D 7—6976
	SSI-LXH1090SISUGW3	LUMEX NG. EXCEPT AS SPECFICALLY AUTHORIZED IN WRITING BY LUNEX INC., THE HOLDER OF THIS DOCUMENT SHALL KEEP ALL INFORMATION CONTAINED HEREIN CONFIDENTIAL AND SHALL PROTECT SAME IN WHOLE OR IN PART FORM DISCUSSIONE AND DISSEMINATION TO ALL THEOP PARTIES.	The Tours Phones To Wa	PHC US	NE: +1.847.359 WEB: www.lumex WEB: www.lumex	).2790 k.com
ר	-10mm AllnGaP RED/GREEN LED PANEL INDICATOR,	RELIABLITY NOTE OUR NAMY YEARS OF EXPERIENCE DATA ACCUMULATION INDICATE THAT	DRAWN BY:		APPROVED BY:	DATE: 3.27.02
	MILKY WHITE DIFFUSED LENS.	SOLDER HEAT IS A MAJOR CAUSE OF EARLY AND FUTURE FAILURE. Please pay attention to your soldering process.	KS/CT			PAGE: 1 OF 1 SCALE: N/A

REV.

## **Mouser Electronics**

Authorized Distributor

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Lumex: LXH1090SISUGW-3