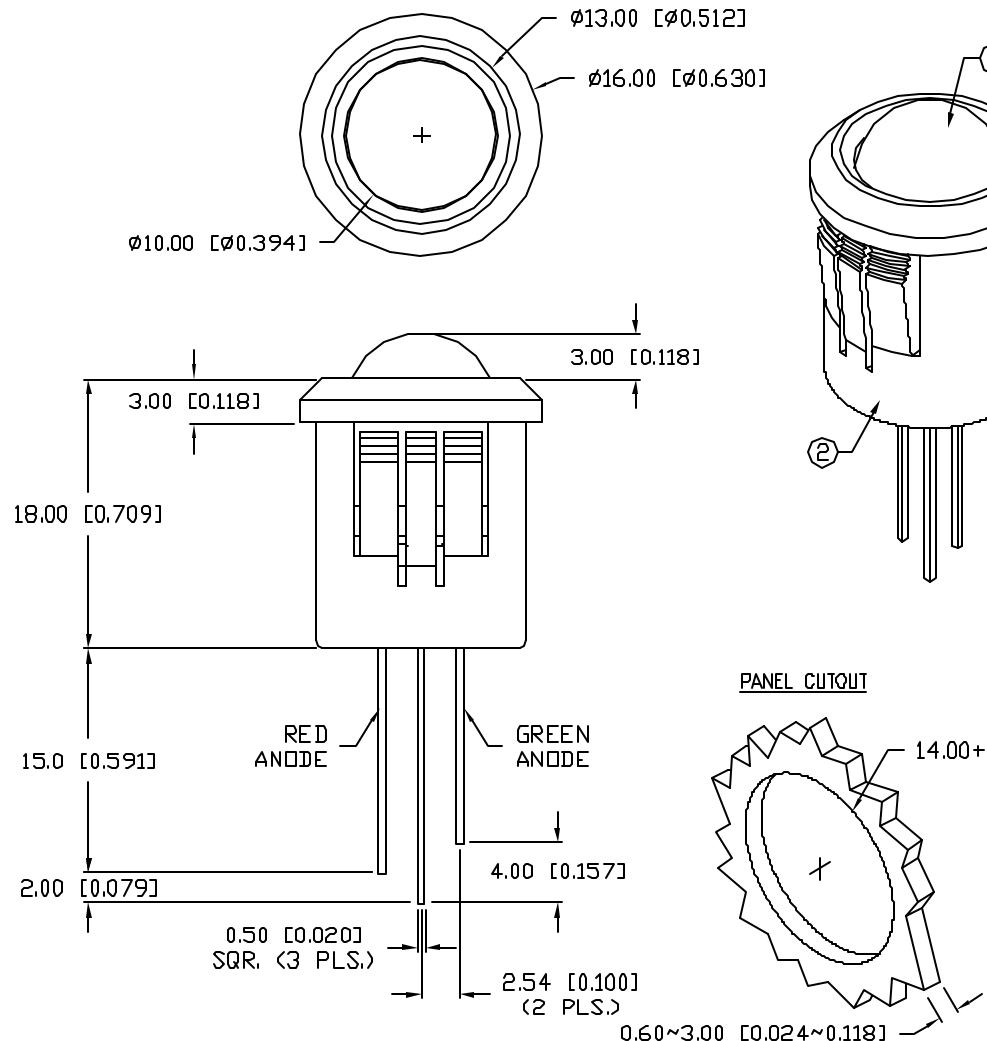


CAUTION: PRESSURE SENSITIVE ASSEMBLY  
AVOID APPLYING PRESSURE TO LED  
DURING PANEL ASSEMBLY.



SSI-LXH1090SRSGW-3

ELECTRO-OPTICAL CHARACTERISTICS TA=25°C If=20mA				
PARAMETER	MIN	TYP	MAX	UNITS
PEAK WAVELENGTH	660 (RED)	nm		
	565 (GREEN)	nm		
FORWARD VOLTAGE (R/G)	1.7/2.2	2.2/2.6		Vf
REVERSE VOLTAGE	4.0/5.0			Vr
AXIAL INTENSITY (R/G)	200/50			mcd If=20mA
VIEWING ANGLE	60			2x theta
EMITTED COLOR:	RED/GREEN			
EPOXY LENS FINISH:	MILKY WHITE DIFFUSED			

## LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*		150	mA
STEADY CURRENT	(R/G)	30/25	mA
POWER DISSIPATION	(R/G)	100/105	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

\* t&lt;10μs

## NOTES:

1. SSL-LX1001395RSGW, BICOLOR LED.
2. SSH-RTF1090, BLACK HOLDER.

\*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), XX=±0.5 (±0.020), XXX=±0.25 (±0.010), XXXX=±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

REV.	PART NUMBER	CONFIDENTIAL INFORMATION	LUMEX	290 E. HELEN ROAD PALATINE, IL 60067-6976 PHONE: +1.847.359.2790 US WEB: www.lumex.com TW WEB: www.lumex.com.tw
	SSI-LXH1090SRSGW-3	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.		
	T-10mm SUPER RED/GREEN LED PANEL INDICATOR, MILKY WHITE DIFFUSED LENS.	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.	DRAWN BY: BC	CHECKED BY: APPROVED BY: DATE: 1.5.02 PAGE: 1 OF 1 SCALE: N/A

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Lumex](#):

[SSI-LXH1090SRSGW-3](#)