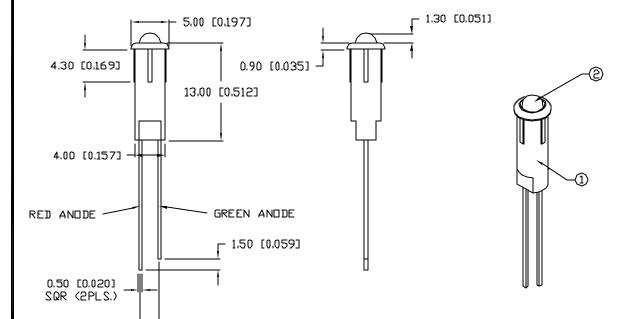
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ELECTRO-OPTICAL CHARACTERISTICS TA=25°C  $I_f = 20 \text{mA}$ PARAMETER MIN TYP MAX UNITS TEST COND PEAK WAVELENGTH 635 (RED) nm 565 (GREEN) nm 2.0/2.2 2.5/2.6 FORWARD VOLTAGE (R/G) ٧f 5.0 REVERSE VOLTAGE ٧r Ir=100µA AXIAL INTENSITY (R/G) 30 mcd If=20mA 60 VIEWING ANGLE 2x theta EMITTED COLOR: RED/GREEN EPOXY LENS FINISH: MILKY WHITE DIFFUSED

## LIMITS OF SAFE OPERATION AT 25°C PER CHIP

PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*		150	mA
STEADY CURRENT	(R/G)	30/25	mΑ
POWER DISSIPATION		105	mW
DERATE FROM 25°C		-1.6	mW/°C
OPERATING, STORAGE TEMP		-40  TO  + 85	Ċ
SOLDERING TEMP.		+ 260	Υ.
2.0mm FROM BODY			3 SEC. MAX

\* t<10µS

## NOTES:

1, SSH-LXH3121 HOLDER,

→ 2.54 [0.100]

- 2. SSL-LX3044IGW LED,
- 3. MOUNTING HOLE: \$0.170"-\$0.174"

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\*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECINAL 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= +0ECINAL PRECISION MAX. = +0.00 —DECINAL PRECISION

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T-3mm LED BLACK PANEL INDICATOR, BICOLOR 635nm RED/565nm GREEN LED, MILKY WHITE DIFFUSED LENS. CONFIDENTIAL INFORMATION

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RELIABILITY NOTE

OUR MANY YEARS OF EXPERIENCE DATA ACCUMULATION INDICATE THAT SULDER HEAT IS A MAJOR CAUSE OF EARLY AND FUTURE FAILURE. PLEASE PAY ATTENTION TO YOUR SOLDERING PROCESS.



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