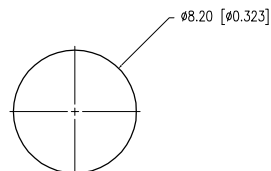


PANEL CUTOUT

ELECTRO-OPTICAL CHARACTERISTICS $T_A = 25^\circ\text{C}$ $I_f = 20\text{mA}$

PARAMETER	COLOR	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH			590		nm	
			574		nm	
FORWARD VOLTAGE	(Y/G)		2.0/2.2	2.5/2.6	V_f	
REVERSE VOLTAGE		5.0			V_r	$I_r = 100\mu\text{A}$
AXIAL INTENSITY	(Y/G)		400/200		mcd	$I_f = 20\text{mA}$
VIEWING ANGLE			60		2x theta	
EMITTED COLOR:	YELLOW/GREEN					
EPOXY LENS FINISH:	MILKY WHITE DIFFUSED					

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT (Y/G)	30/25	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	-1.2	mW/ $^\circ\text{C}$
OPERATING, STORAGE TEMP.	-40 TO +85	$^\circ\text{C}$
SOLDERING TEMP.	+260	$^\circ\text{C}$
2.0mm FROM BODY	3	SEC. MAX

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

NOTES:

1. SSL-LX5099SYSUGW, YELLOW/GREEN LED.
2. SSI-LXR4815-B, BLACK ANODIZED HOUSING.
3. SSH-LXH4815BSG-3, BLACK NYLON BUSHING.

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: $x = \pm 1$ (± 0.039), $x.x = \pm 0.5$ (± 0.020), $x.xx = \pm 0.25$ (± 0.010), $x.xxx = \pm 0.127$ (± 0.005). LEAD SIZE = ± 0.05 (± 0.002), LEAD LENGTH = ± 0.75 (± 0.030). MIN = $\frac{+ \text{DECIMAL PRECISION}}{-0.00}$ MAX = $\frac{+0.00}{- \text{DECIMAL PRECISION}}$ UNCONTROLLED DOCUMENT



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T-5mm YELLOW/GREEN PANEL INDICATOR LED, MILKY WHITE DIFFUSED LENS, COMMON CATHODE.

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

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DATE: 05.13.10	DRAWN BY: JH
PAGE: 1 OF 1	CHKD BY: SS
SCALE: N/A	APRVD BY: KF
UNIT: mm [INCH]	(P)

Mouser Electronics

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[SSI-LXR4815SYSUW3B](#)