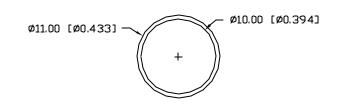
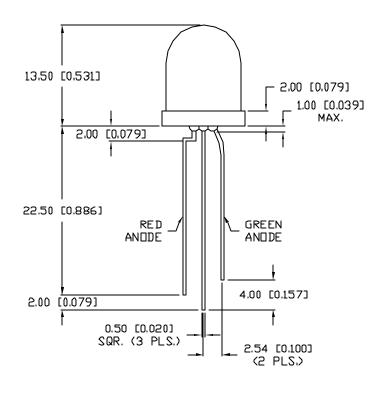
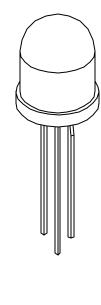
## SSL-LX100139SISUGW







ELECTRO-OPTICAL CHARACTERISTICS TA=25°C If=20i					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		636 (RED)		nm	
	ļ	574 (GREEN)	)	nm	
FORWARD VOLTAGE (R/G)		2.0/2.2	2.2/2.5	$V_{f}$	
REVERSE VOLTAGE	5.0			٧r	I <sub>r</sub> =100µA
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 AT 25	LIMITS	OF SAFE	<b>OPERATION</b>	ΑT	25°0
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PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*		150	mA
STEADY CURRENT	(R/G)	30/25	mΑ
POWER DISSIPATION		105	mW
DERATE FROM 25°C		-1.2	mW/ <b>'</b> C
OPERATING, STORAGE TEMP.		-40  TO  + 65	Ċ
SOLDERING TEMP.		+ 260	Υ.
2.0mm FROM BODY			3 SEC. MAX

<sup>\*</sup> t<10µS

UNCONTROLLED DOCUMENT

\*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= +DECINAL PRECISION MAX.= +0.00 (±0.000), MIN= +DECIN

REV.

PART NUMBER
SSL-LX100139SISUGW

T-10mm 636nm RED/574nm GREEN BICOLOR LED,
MILKY WHITE DIFFUSED LENS.

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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.



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