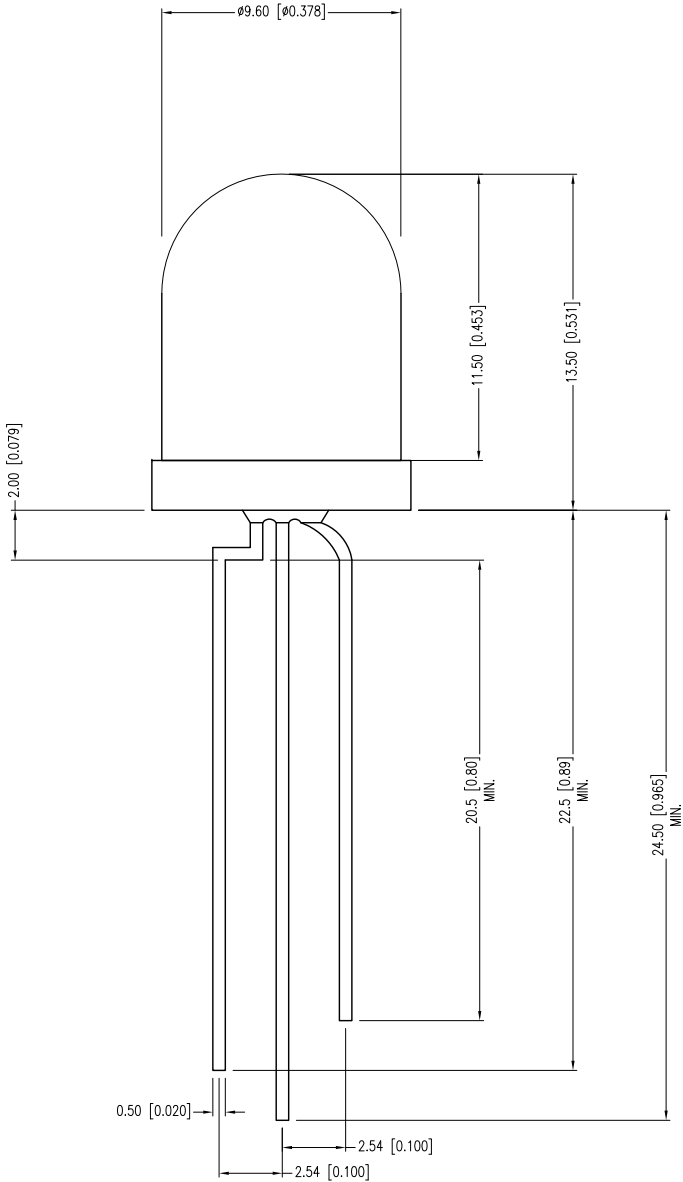


PART NUMBER	SSL-LX100139IGW	REV.	A
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
11.13.12	E.C.N. #10BRDR. & REDRAWN.		A



ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=20mA					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635(RED) 565(GREEN)		nm	
FORWARD VOLTAGE		2.1	2.8	Vf	
REVERSE VOLTAGE	5.0			Vr	Ir=100µA
AXIAL INTENSITY		20		mcd	If=20mA
VIEWING ANGLE		80		2x theta	
EMITTED COLOR:	RED/GREEN				
LENS FINISH:	MILKY WHITE DIFFUSED				


LIMITS OF SAFE OPERATION AT 25°C		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT* (R/G)	155	mA
STEADY CURRENT (R/G)	30	mA
POWER DISSIPATION (R/G)	100	mW
DERATE FROM 25°C	-1.3	mW/°C
OPERATING TEMP.	-55 TO +100	°C
STORAGE TEMP.	-55 TO +10	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY	3	SEC.

\* t<10µS

RELIABILITY NOTE

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

\*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN.= +DECIMAL PRECISION MAX.= +0.00 -DECIMAL PRECISION

 <b>LUMEX</b> Creating LED and LCD Solutions Together™	425 N. GARY AVE. CAROL STREAM, IL 60188-4900 PHONE: +1.800.278.5666 FAX: +1.630.315.2152 WEB: WWW.LUMEX.COM MEMBER OF ITW PHOTONICS GROUP	T-3 1/8 (T-10) LED, BI-COLOR RED/GREEN, MILKY WHITE DIFFUSED.		DATE: 11.13.12	DRAWN BY: MA
		**THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.**		PAGE: 1 OF 1	CHKD BY: KF
		CONFIDENTIAL INFORMATION 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.		SCALE: NTS	APRVD BY: KF
				UNIT: mm [INCH]	Ⓟ

# Mouser Electronics

Authorized Distributor

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

Lumex:

[SSL-LX100139IGW](#)