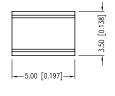
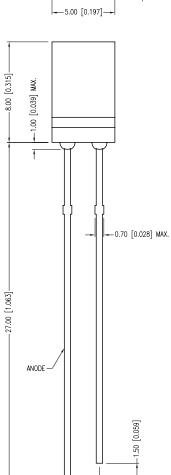
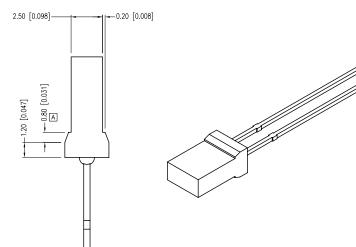
UNCONTROLLED DOCUMENT

PART NUMBER	SSL-LX25583GD	REV.	D
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
03.20.92	ADD CHAMFER TO SHOULDER.		Α
03.09.95	UPDATED SPEC.		В
07.02.01	E.C.N. #10BRDR. & REDRAWN IN 3D.		С
1.11.12	E.C.N. #10BRDR. & REDRAWN.		D







ELECTRO-OPTICAL C	CHARACTERISTICS Ta=25°C	If=20mA			
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565		nm	
FORWARD VOLTAGE		2.2	2.6	Vf	
REVERSE VOLTAGE	5.0			Vr	Ir=100µA
AXIAL INTENSITY		10		mcd	If=20mA
VIEWING ANGLE		110		2x theta	
EMITTED COLOR:	GREEN				
LENS FINISH:	GREEN DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING TEMP.	-40 TO +85	*C
STORAGE TEMP.	-40 TO +85	*C
SOLDERING TEMP.	+260	*C
2.0mm FROM BODY	3	SEC.
* t<10uS		

	ļ	PUNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±	.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 PR $^{-}$ 0.00	ECISION MAX.= +0.00 -DECIMAL PRECISION	UNCONTROLLED	DOCUMENT
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THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.

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2.5mm x 5mm RECTANGULAR LED WITH SHOULDER, 565nm GREEN LED, GREEN DIFFUSED LENS.

DATE:	01.	11.1	2	DRAWN BY:	AB	
PAGE:	1	OF	1	CHKD BY:	SS	
SCALE:	1	NTS		APRVD BY:	SS	
UNIT: mm [INCH]			CH]	Pb		

Creating LED and LCD Solutions Together™ MEMBER OF ITW PHOTONICS GROUP

2.54 [0.100]

0.50 [0.020] SQR. (2 PLS.)

290 E. HELEN ROAD PALATINE, IL 60067-6976 PHONE: +1.847.359.2790 FAX: +1.847.359.6538 WEB: WWW.LUMEX.COM