UNCONTROLLED DOCUMENT [0.138]

0.20 [0.008]

PART NUMBER	SSL-LX25583GD	REV.	D		
DATE	E.C.N. NUMBER AND REVISION COMMENTS				
03.20.92	03.20.92 ADD CHAMFER TO SHOULDER.				
03.09.95	9.95 UPDATED SPEC.				
07.02.01	E.C.N. #10BRDR. & REDRAWN IN 3D.		C		
1.11.12	E.C.N. #10BRDR. & REDRAWN.		D		

PARAMETER MAX UNITS PEAK FORWARD CURRENT* 150 mΑ STEADY CURRENT 25 mΑ POWER DISSIPATION 105 mW DERATE FROM 25°C -1.2 mW/°C OPERATING TEMP. -40 TO +85 STORAGE TEMP. -40 TO +85 SOLDERING TEMP. +260 ·C 2.0mm FROM BODY SEC. * t<10µS

		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	lf=20mA
		VIEWING ANGLE		110		2x theta	
		EMITTED COLOR:	GREEN				
		LENS FINISH:	GREEN DIFFUSED				
	> [LIMITS OF SAFE OPE	RATION AT 25°C				

--- 0.70 [0.028] MAX. ANODE -[0.059] 0.50 [0.020] SQR. (2 PLS.)

5.00 [0.197]--

8.00 [0.315]

[0.039] 00.1

---0.80 [0.031] -1.20 [0.047]

*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 (±0.002), X.XX=±0.127 (±0.005).

290 E. HELEN ROAD PALATINE, IL 60067-6976 PHONE: +1.847.359.2790 FAX: +1.847.359.6538 WEB: WWW.LUMEX.COM MEMBER OF ITW PHOTONICS GROUP 2.5mm x 5mm RECTANGULAR LED WITH SHOULDER, 565nm GREEN LED, GREEN DIFFUSED LENS.

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

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UNCONTROLLED DOCUMENT DATE: 01.11.12 DRAWN BY: AΒ PAGE: 1 OF 1 CHKD BY: SS SCALE: NTS APRVD BY: SS UNIT: mm [INCH]

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