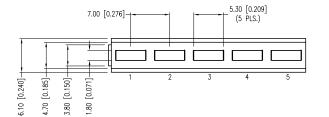
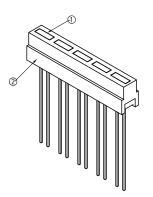
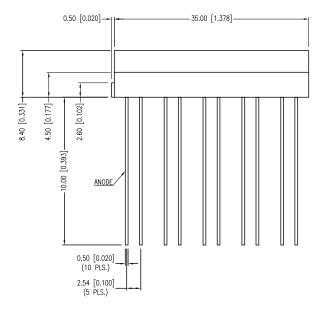
PART NUMBER

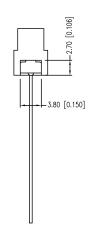
SSA-LXB525GD-10

REV.









ELECTRO-OPTICAL	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=10µA
AXIAL INTENSITY		5		mcd	If=20mA
VIEWING ANGLE:		110		2x theta	
EMITTED COLOR:	GREEN				
LENS FINISH:	GREEN-DIFFUSED				

LIMITS (	٦F	SVEE	OPERATION	۸Т	25.0	DED	CHIP	

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT (G/O)	25	mA
POWER DISSIPATION	70	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.

<sup>\*</sup> t<10µS

## NOTES:

- 1. SSL-LX2583GD, LED. (5 PCS.) 2. SSH-LXH525, HOLDER.
- 3. BACKFILL BOTTOM OF HOLDER WITH U.V. GLUE TO SECURE LEDS.

\*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=  $^{+0.00}_{-0.00}$  PRECISION MAX.=  $^{+0.00}_{-0.00}$  PRECISION  $^{+0.00}_{-0.00}$  MAX.=  $^{+0.00}_{-0.00}$  PRECISION  $^{-0.00}_{-0.00}$  PRECISION  $^{-0.00}_{-0$ UNCONTROLLED DOCUMENT



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 1.8mm X 5.3mm 5 UNIT LED ARRAY, 10mm LEADS, 565nm GREEN LEDS, GREEN DIFFUSED LENS.

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

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DATE: 07.24.13 DRAWN BY: MA PAGE: 1 OF CHKD BY: DT SCALE: NTS APRVD BY: DT (Pb) UNIT: mm [INCH]

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