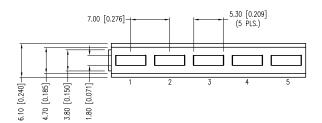
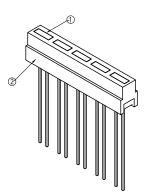
PART NUMBER

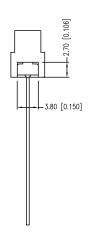
SSA-LXB525G401D-10

REV.





1	0.50 [0.020]		- 35.00 [1.378]			
8.40 [0.331]	0.50 [0.020] (10 PLS.) 2.54 [0.100] (5 PLS.)					



ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=20mA				
PARAMETER	GREEN	ORANGE	UNITS	TEST COND
PEAK WAVELENGTH	565	630	nm	
FORWARD VOLTAGE (TYP.)	2.2	2.0	Vf	
FORWARD VOLTAGE (MAX.)	2.6	2.5	Vf	
REVERSE VOLTAGE	5.0	5.0	Vr	Ir=10µA
AXIAL INTENSITY	5	5	mcd	If=20mA
VIEWING ANGLE	110	110	2x theta	
LED POSITION:	1~4	5		
LENS FINISH:	DIFFUSED SAME AS	EMITTED COLO	R	

LIMITS	0F	SAFE	OPERATION	ΑT	25°C	PER	CHIP.	

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT (G/O)	30/25	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.
+ 1 -40 0		

<sup>\*</sup> t<10µS

## NOTES:

- 1. SSL-LX2583GD, LED. (4 PCS.)
- SSL-LX25830D, LED. (1 PC.)
- 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=  $^{+DECIMAL}_{-0.00}$  PRECISION MAX.=  $^{+0.00}_{-0.00}$  MAX.=  $^{+0.00}_{-0.00}$  PRECISION ARE: X=±1 (±0.039), X.XX=±0.5 (±0.020), X.XX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD SIZE=±0.05 (±0.002), LEAD SIZE=±0.05 (±0.003). MIN=  $^{+DECIMAL}_{-0.00}$  PRECISION MAX.=  $^{+0.00}_{-0.00}$  PRECISIO



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, POS.1~4: GREEN, POS.5: ORANGE COLOR 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: 07.24.13 DRAWN BY: MA PAGE: 1 OF 1 CHKD BY: DT SCALE: NTS APRVD BY: DT (Pb) UNIT: mm [INCH]