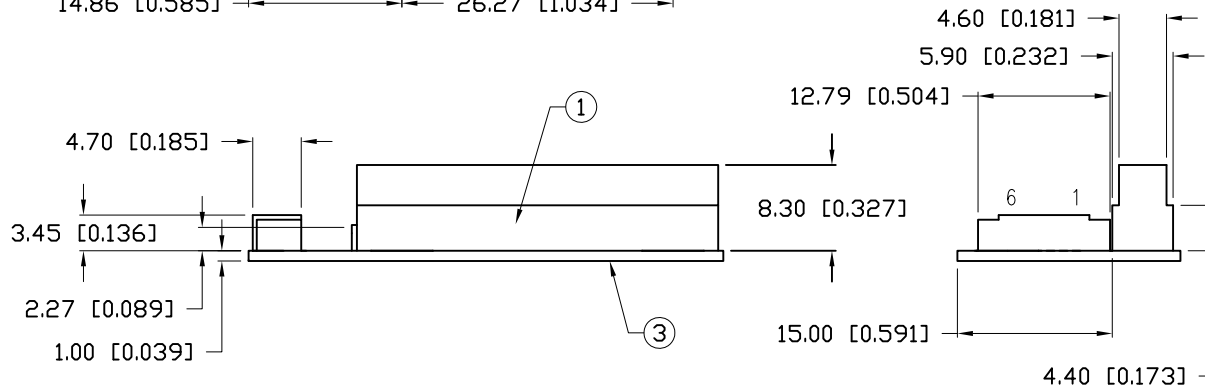
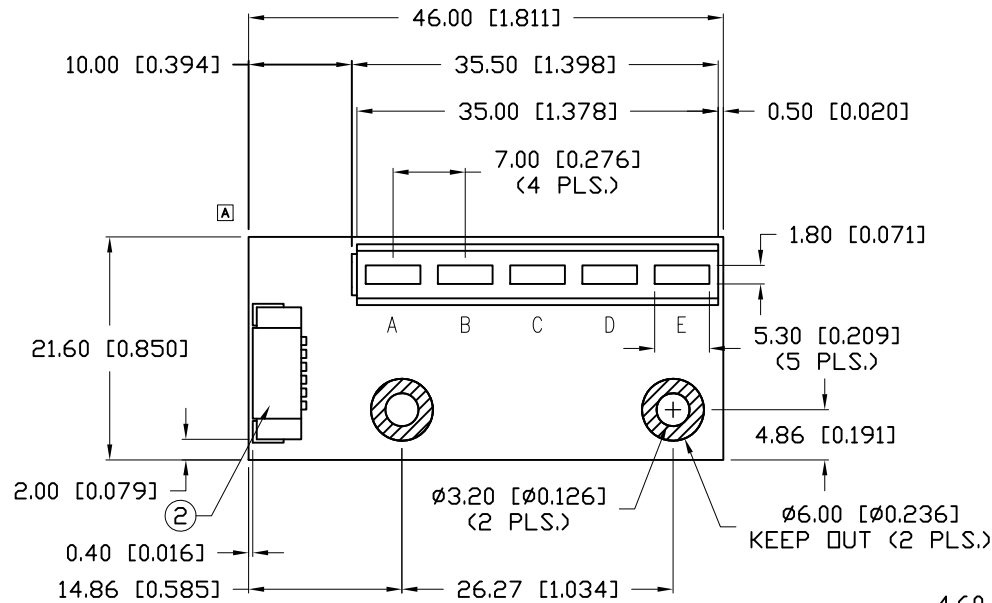
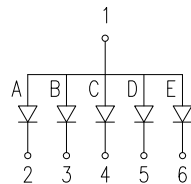


PART NUMBER	SSA-LXB525GD-ASM	REV.	C
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
06.22.04	E.C.N. #11139.		A
10.17.06	E.C.N. #11357.		B
02.18.13	E.C.N. #10BRDR. & REDRAWN.		C



CONNECTOR PINOUT



ELECTRO-OPTICAL CHARACTERISTICS			T _A =25°C			I _F =20MA		
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND			
PEAK WAVELENGTH		585		nm				
FORWARD VOLTAGE		2.1	2.5	V _F				
REVERSE VOLTAGE	5.0			V _R		I _R =100μA		
AXIAL INTENSITY	15	30		mcd		I _F =20MA		
VIEWING ANGLE		60		2x theta				
EMITTED COLOR:	EMITC							
EPOXY LENS FINISH:	EPOXY							

LIMITS OF SAFE OPERATION AT 25°C PERDIE		
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, STORAGE TEMP.	- 40 TO + 85	°C
SOLDERING TEMP.	+ 260	°C
2.0MMFROMBODY		3 SEC. MAX

*T<10μS

NOTES:

1. SSA-LXB525GD.
- B** 2. AMP CONNECTOR 1734261-6
3. PCB.
4. LEDS MATCHED FOR COLOR AND INTENSITY.
5. CONNECTOR SOLDER PASTE: ASAHI ACS-LF980K2
6. TINSPECT SOLDER FOR PROPER REFLOW

*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= $\begin{matrix} +\text{DECIMAL PRECISION} \\ -0.00 \end{matrix}$ MAX= $\begin{matrix} +0.00 \\ -\text{DECIMAL PRECISION} \end{matrix}$

UNCONTROLLED DOCUMENT



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MEMBER OF **ITW PHOTONICS**

5 UNIT LED ARRAY ASSEMBLY, 565nm GREEN LEDS, CUSTOM PCB WITH AMP CONNECTOR.

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

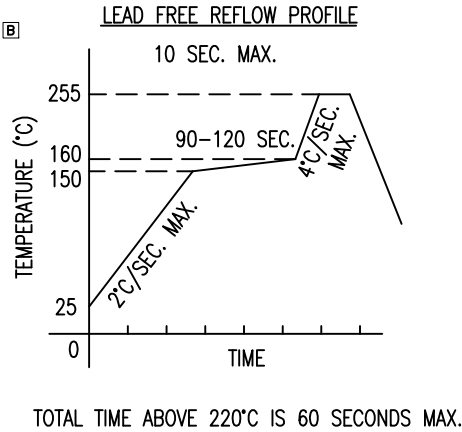
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DATE: 02.18.13	DRAWN BY: MA
PAGE: 1 OF 2	CHKD BY: SS
SCALE: NTS	APRVD BY: SS
UNIT: mm [INCH]	(P6)

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			UNIT: mm [INCH]	(Pb)