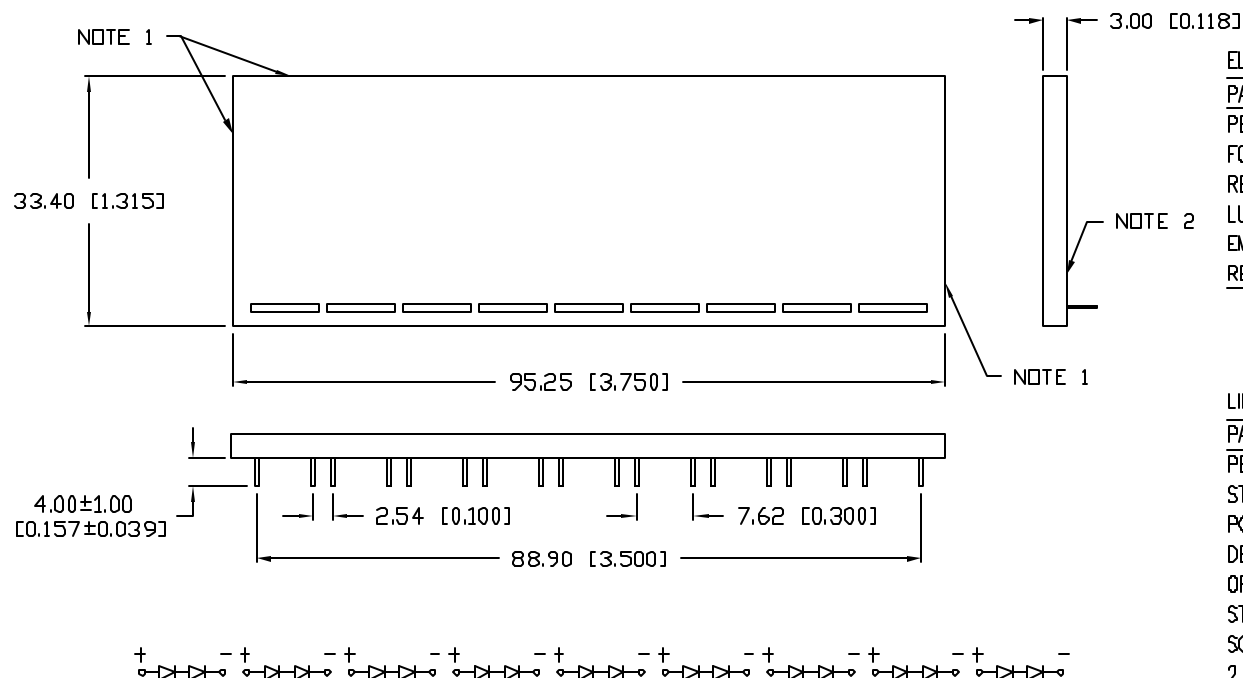


UNCONTROLLED DOCUMENT

PART NUMBER
SSB-DL9534GC

REV.
E

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	CHG'D P# FROM SSB-DL9534GC./	1-4-94
B	ADDED REFLECTOR FINISH./	7-7-95
C	CHG'D REFLECTOR FINISH./	7-20-95
D	E.C.N. #10BRDR. & REDRAWN.	11-4-98
E	E.C.N. #11148.	5.11.07

ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $I_f=180\text{ mA}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565 (GREEN)		nm	
FORWARD VOLTAGE		4.2	4.6	V _f	
REVERSE VOLTAGE	8			V _r	V _r = 8V
LUMINOUS INTENSITY		40		cd/m ²	I _f = 180mA
EMITTED COLOR:	GREEN				
REFLECTOR FINISH:	CLEAR WHITE				

LIMITS OF SAFE OPERATION AT 25°C PER LED

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	270	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	1200	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING TEMP.	-20 TO +70	°C
STORAGE TEMP.	-40 TO +80	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY		3 SEC. MAX

* $t < 10 \mu s$

NOTES:

1. EDGE SURFACES TO BE PAINTED WITH WHITE REFLECTIVE PAINT.
2. BACK SURFACE TO BE PAINTED WITH HIGH REFLECTIVE WHITE PAINT.

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), XX=±0.5 (±0.020), XXX=±0.25 (±0.010), XXXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN.=+0.00 DECIMAL PRECISION MAX.=+0.00 DECIMAL PRECISION

REV. E	PART NUMBER SSB-DL9534GC	CONFIDENTIAL INFORMATION THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF LUMEX INC. EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY LUMEX INC., THE HOLDER OF THIS DOCUMENT SHALL KEEP ALL INFORMATION CONTAINED HEREIN CONFIDENTIAL AND SHALL PROTECT SAME IN WHOLE OR IN PART FROM DISCLOSURE AND DISSEMINATION TO ALL THIRD PARTIES. RELIABILITY NOTE OUR MANY YEARS OF EXPERIENCE DATA ACCUMULATION INDICATE THAT SOLDER HEAT IS A MAJOR CAUSE OF EARLY AND FUTURE FAILURE. PLEASE PAY ATTENTION TO YOUR SOLDERING PROCESS.	 290 E. HELEN ROAD PALATINE, IL 60067-6976 PHONE: +1.847.359.2790 US WEB: www.lumex.com TW WEB: www.lumex.com.tw
EDGELIT BACKLIGHT, GREEN CHIPS.		DRAWN BY: JC	CHECKED BY: APPROVED BY: DATE: 11.1.93 PAGE: 1 OF 1 SCALE: N/A