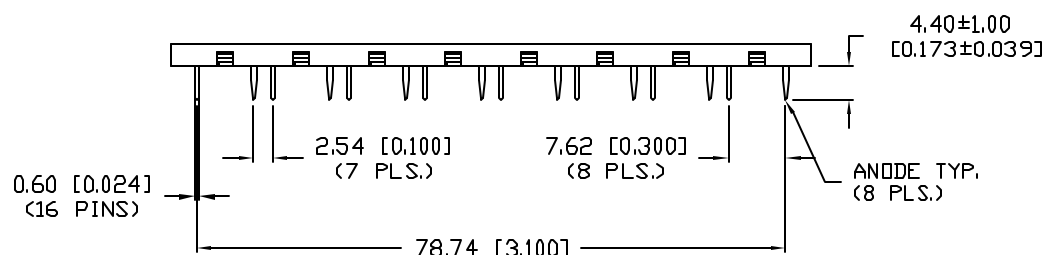
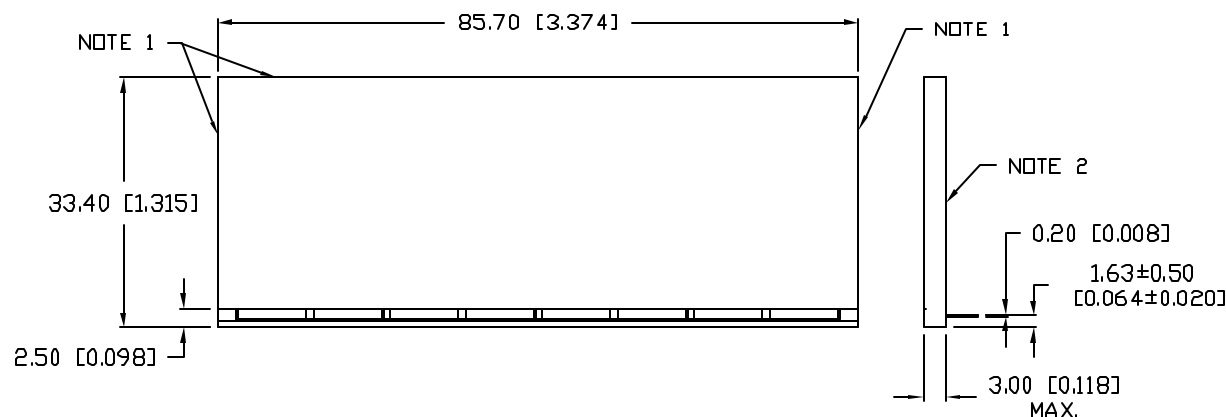


UNCONTROLLED DOCUMENT

PART NUMBER
SSB-DL8634GW

REV.
A

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #10889 & #10BRDR.	7.15.02



NOTES:

1. EDGE SURFACES TO BE PAINTED WITH REFLECTIVE PAINT.
2. BACK SURFACE TO PAINTED WITH HIGH REFLECTIVE WHITE PAINT.
3. SSB-DL8634W REFLECTOR.
4. SSB-LX02GC, SIDE EMITTING LED. (8 PCS.)

ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^{\circ}\text{C}$ $I_f=80\text{ mA}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565 (GREEN)		nm	
FORWARD VOLTAGE		4.4	5.2	V_f	
REVERSE VOLTAGE	10			V_r	$V_r=8\text{V}$
LUMINOUS INTENSITY		25		cd/m^2	$I_f=80\text{ mA}$
EMITTED COLOR:		GREEN			
REFLECTOR FINISH:		CLEAR WHITE			

LIMITS OF SAFE OPERATION AT 25°C PER MODULE

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	200	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	920	mW
DERATE FROM 25°C	-1.2	mW/ $^{\circ}\text{C}$
OPERATING TEMP.	-20 TO +70	$^{\circ}\text{C}$
STORAGE TEMP.	-40 TO +80	$^{\circ}\text{C}$
SOLDERING TEMP.	+240	$^{\circ}\text{C}$
2.0mm FROM BODY		3 SEC. MAX

* $t < 10\mu\text{s}$

REPLACES PART #: SSB-DL8634GC

*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= +DECIMAL PRECISION -0.00 MAX.= +0.00 -DECIMAL PRECISION

REV.	PART NUMBER
A	SSB-DL8634GW
86mm x 34mm LCD BACKLIGHT, 8 MODULES, 565nm GREEN CHIPS.	

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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.

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