

UNCONTROLLED DOCUMENT

PART NUMBER
SSB-DL9534ACREV.
A

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #11148.	5.14.07

ELECTRO-OPTICAL CHARACTERISTICS TA=25 °C
OF INDIVIDUAL LED MODULESI_f=20mA

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		605 (AMBER)		nm	
FORWARD VOLTAGE		4.2	5.0	V _f	I _f =20mA
REVERSE VOLTAGE	10			V _r	I _r =100uA
AXIAL INTENSITY		20		mcad	I _f =20mA
VIEWING ANGLE		120		2x theta	
EMITTED COLOR :		AMBER			
EPOXY LENS FINISH:		CLEAR			
REFLECTOR FINISH:		WHITE			

LIMITS OF SAFE OPERATION AT 25 DEG. C PER LED MODULE

PARAMETER	MAX	UNITS
CONT. FORWARD CURRENT	30	mA
POWER DISSIPATION (PER CHIP)	100	mW
DERATE FROM 25 °C	.25	mA/ °C
OPERATING/STORAGE TEMP.	-30 TO +85	°C
LEAD SOLDERING TEMP.	+260	°C
2.0mm FROM BODY	3 SEC. MAX	

NOTES:

- EDGE SURFACES TO BE PAINTED WITH WHITE REFLECTIVE PAINT (3 PLS).
- BACK SURFACE TO BE PAINTED WITH HIGH REFLECTIVE WHITE PAINT.



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

REV.
APART NUMBER
SSB-DL9534AC

95mm x 33mm LCD BACKLIGHT, 9 MODULE, AMBER.

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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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