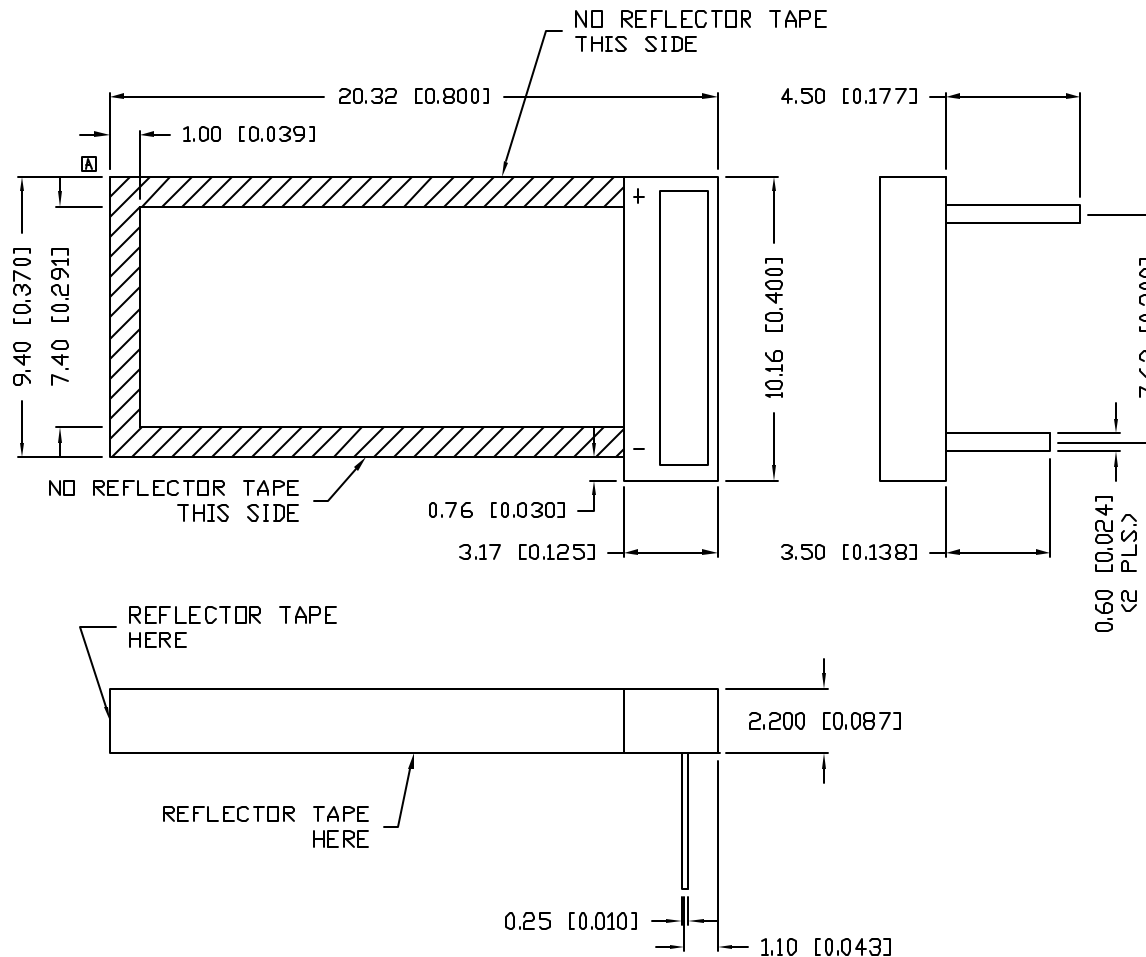


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PART NUMBER  
SSB-DL2010GC

REV.

B

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #10773.	8.1.01
B	E.C.N. #11148.	5.11.07

ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^{\circ}\text{C}$ PER MODULE					$I_f=20\text{ mA}$
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565		nm	
FORWARD VOLTAGE		4.4	5.2	$V_f$	
REVERSE VOLTAGE	10			$V_r$	$V_r=100\mu\text{A}$
LUMINOUS INTENSITY		24		$\text{cd/m}^2$	$I_f=100\text{mA}$
EMITTED COLOR:	GREEN				
REFLECTOR FINISH:	CLEAR WHITE				
MATERIAL: POLYCARBONATE					

LIMITS OF SAFE OPERATION AT  $25^\circ\text{C}$  PER LED

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	156	W
DERATE FROM $25^\circ\text{C}$	-1.2	$\text{mW}/^\circ\text{C}$
OPERATING TEMP.	-20 TO +70	$^\circ\text{C}$
STORAGE TEMP.	-30 TO +80	$^\circ\text{C}$
SOLDERING TEMP.	+240	$^\circ\text{C}$
2.0mm FROM BODY		3 SEC. MAX

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

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\*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.

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20mm x 10mm LCD BACKLIGHT, 565nm GREEN CHIPS,  
CLEAR WHITE REFLECTOR.

## CONFIDENTIAL INFORMATION

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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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SCALE: N/A

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