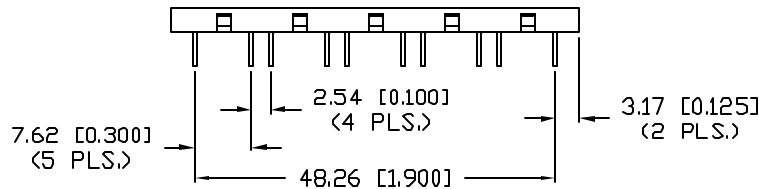
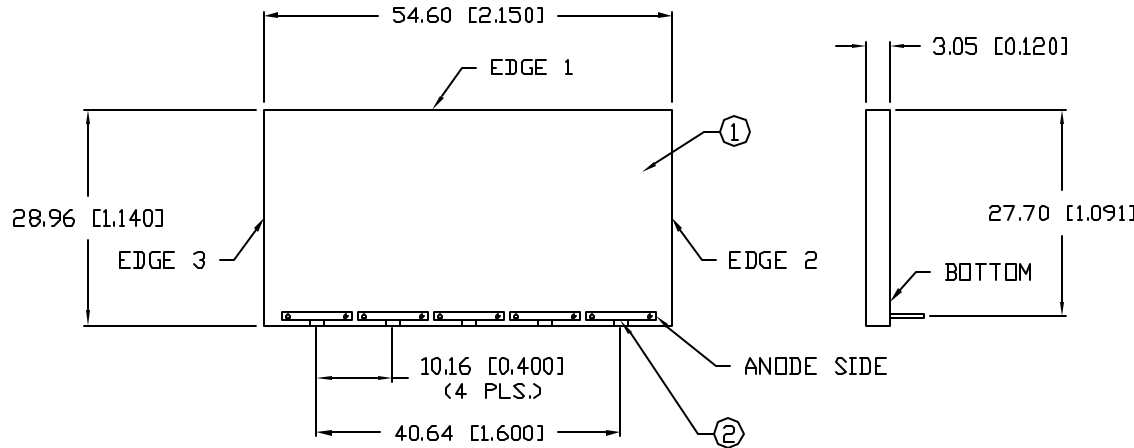


UNCONTROLLED DOCUMENT

PART NUMBER
SSB-DL6028GC

REV.
E

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	CHG'D TABLE FOR INDIVIDUAL MODULES.	9-9-93
B	E.C.N. #10113. & #10146./	4-23-96
C	E.C.N. #10222./	8-1-96
D	E.C.N. #10BRDR. & REDRAWN.	9-25-98
E	E.C.N. #11148.	5.14.07



NOTES:

1. SSH-DL6028W.
2. SSB-LX02GC LED. (5 PCS.)
3. PAINT BOTTOM AND EDGES 1, 2, AND 3 HIGH REFLECTIVE WHITE.

⊠ ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $I_f=960\text{mA}$

PARAMETER	GREEN	UNITS
PEAK COLOR WAVELENGTH	565	nm
FORWARD VOLTAGE (TYP)	4.2	V_f
LIGHT OUTPUT (TYP)	45	cd/m^2
VIEWING ANGLE (TYP)	180	$2x \theta$
EMITTED COLOR:	GREEN	

LIMITS OF SAFE OPERATION AT 25°C PER LED

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	25	mA
REVERSE VOLTAGE	8	mA
POWER DISSIPATION	125	mW
DERATE FROM 25°C	-1.2	$\text{mW}/^\circ\text{C}$
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

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




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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. E	PART NUMBER SSB-DL6028GC
55mm x 29mm LCD, 5 MODULE BACKLIGHT, 565nm GREEN CLEAR LEDS.	

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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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			PAGE: 1 OF 1
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