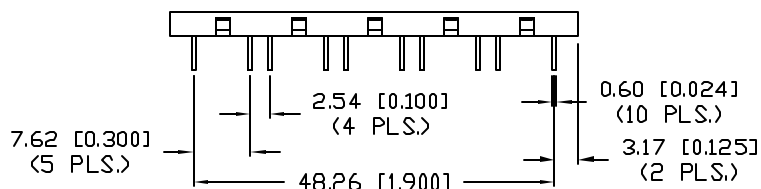
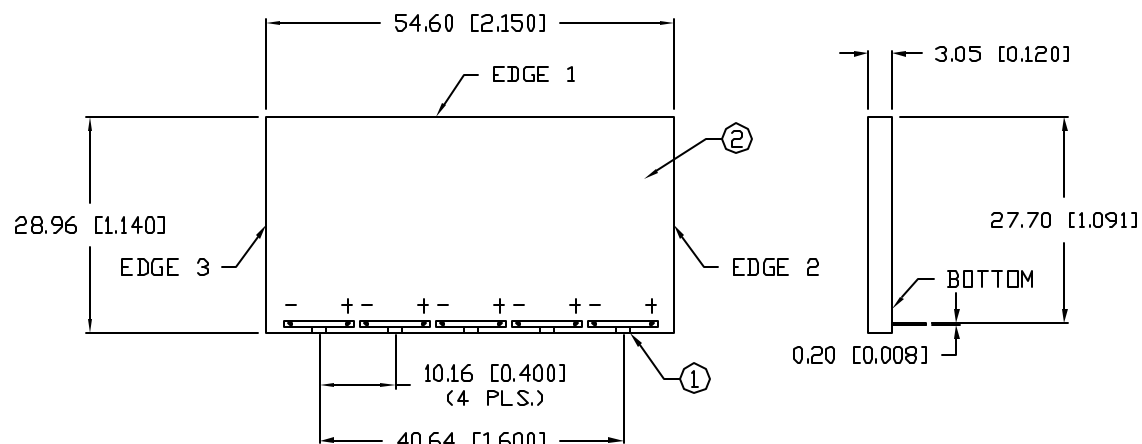


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PART NUMBER
SSB-DL6028ACREV.
E

NOTES:

1. SSB-LX02AC LED. (5 PCS.)
2. SSB-DL6028W, ACRYLIC REFLECTOR.
3. PAINT EDGES 1, 2, 3, AND BOTTOM HIGH REFLECTIVE WHITE.

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		605		nm	
FORWARD VOLTAGE		4.2	5.5	V_f	
REVERSE VOLTAGE	8			V_r	$V_r=100\mu\text{A}$
LUMINOUS INTENSITY		16		cd/m^2	$I_f=10\text{ mA}$
EMITTED COLOR:	AMBER				
REFLECTOR FINISH:	CLEAR WHITE				

LIMITS OF SAFE OPERATION AT 25°C PER LED

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	125	W
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.	+260	$^\circ\text{C}$
2.0mm FROM BODY		3 SEC. MAX

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

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

REV.
EPART NUMBER
SSB-DL6028AC55mm x 29mm LCD MODULE BACKLIGHT,
605nm AMBER 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.

DRAWN BY:
JC

CHECKED BY:

APPROVED BY:

DATE: 6.10.93
PAGE: 1 OF 1
SCALE: N/A

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