

UNCONTROLLED DOCUMENT

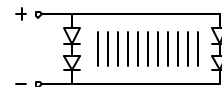
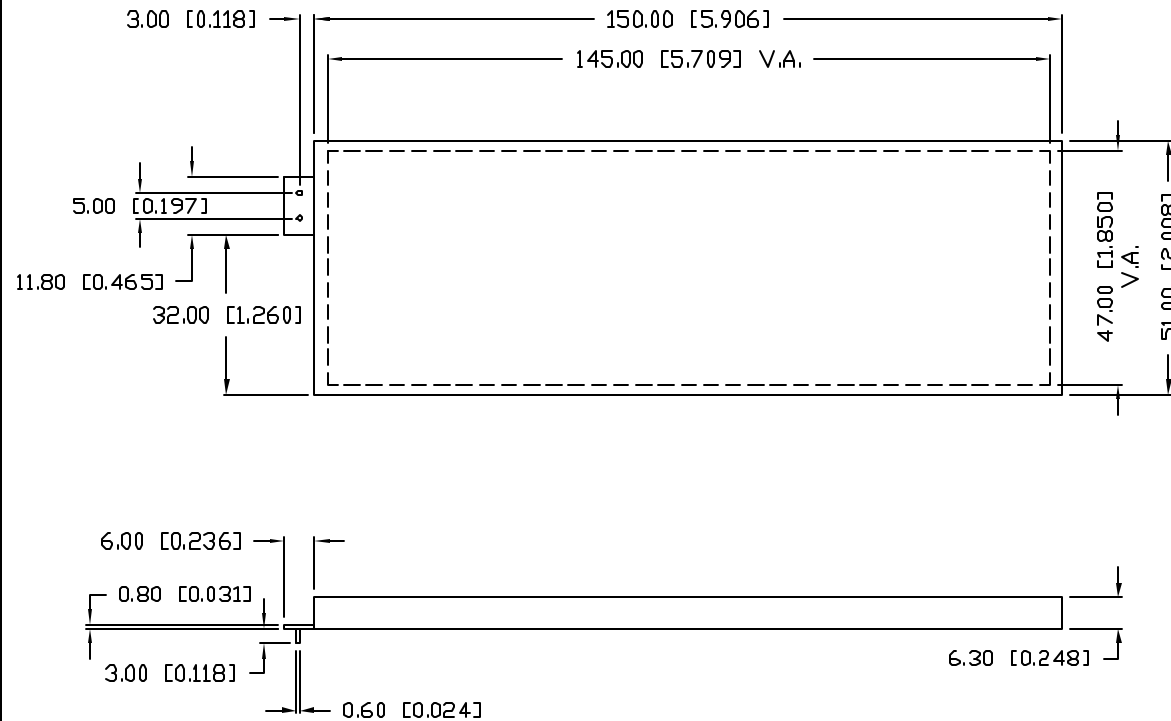
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PART NUMBER

REV.

SSB-COB15051YW

PRELIMINARY IN P/N DIR



2 CHIPS IN SERIES
66 PARALLEL BRANCHES

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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		585		nm	
FORWARD VOLTAGE		4.2	4.5	V_f	
REVERSE VOLTAGE	8			V_r	$V_r=200\mu\text{A}$
LUMINOUS INTENSITY		T.B.A.		cd/m^2	$I_f=660\text{mA}$
EMITTED COLOR:	YELLOW				
REFLECTOR FINISH:	MILKY WHITE				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT	1320	mA
STEADY CURRENT	660	mA
POWER DISSIPATION	594	W
DERATE FROM 25°C	-25.8	$\text{mW}/^\circ\text{C}$
OPERATING TEMP.	-35 TO +80	$^\circ\text{C}$
STORAGE TEMP.	-40 TO +85	$^\circ\text{C}$
SOLDERING TEMP.	+260	$^\circ\text{C}$
2.0mm FROM BODY		3 SEC. MAX

NOTES:

1.

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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 MAX=+0.00 -0.00 -DECIMAL PRECISION

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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.



290 E. HELEN ROAD
PALATINE, IL 60067-6976
PHONE: +1.847.359.2790
US WEB: www.lumex.com
TW WEB: www.lumex.com.tw

150mm x 51mm LCD BACKLIGHT, 585nm YELLOW CHIPS,
WHITE REFLECTOR FINISH.

DRAWN BY:

GT

CHECKED BY:

APPROVED BY:

DATE: 1.14.02

PAGE: 1 OF 1

SCALE: N/A