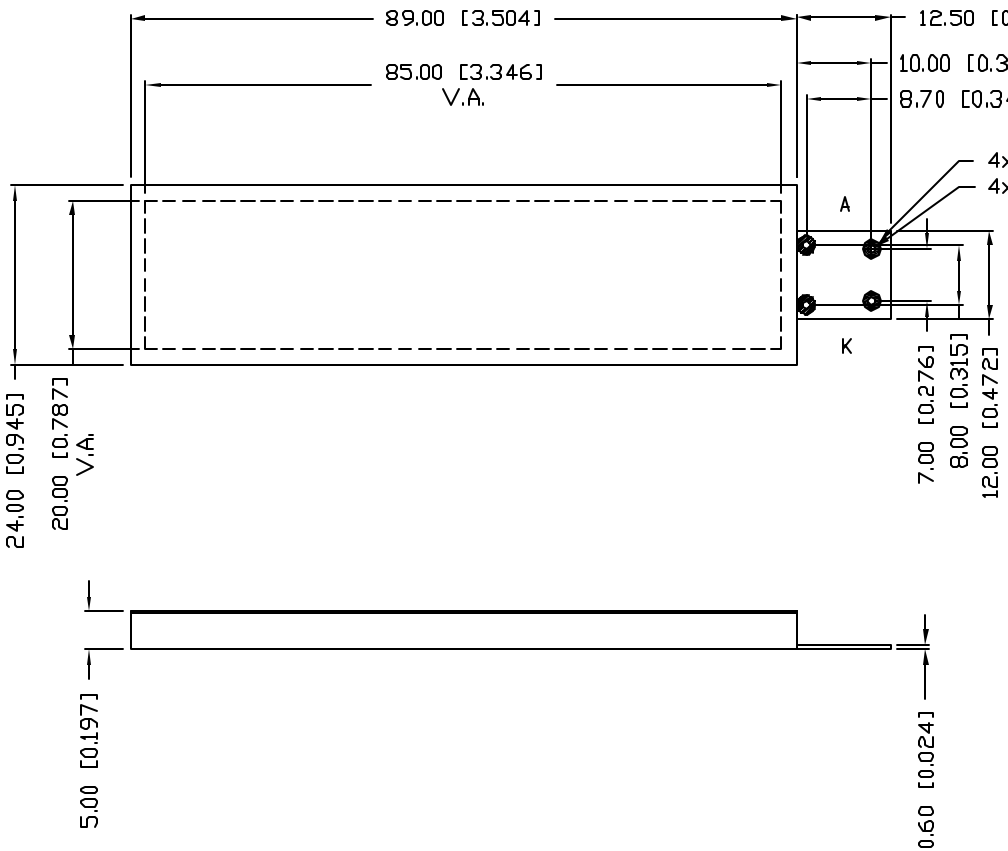
UNCONTROLLED DOCUMENT

PART NUMBER	REV.
SSB-COB8520GW-A	

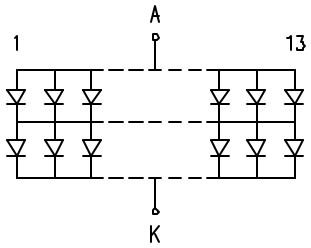


ELECTRO-OPTICAL CHARACTERISTICS T_A=25°C PER MODULE I_F=130mA

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565		nm	
FORWARD VOLTAGE		4.2	4.5	V_f	
REVERSE VOLTAGE	5			V_r	I_r=1.3mA
LUMINOUS INTENSITY		165		cd/m^2	I_F=130mA
EMITTED COLOR:	GREEN				
REFLECTOR FINISH:	WHITE				

LIMITS OF SAFE OPERATION AT 25°CPER MODULE

PARAMETER	MAX	UNITS
STEADY CURRENT	325	mA
POWER DISSIPATION	1.5	W
DERATE FROM 25°C	-1.2	mW/°C
OPERATING, STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY		25 SEC. MAX



2 CHIPS IN SERIES
13 PARALLEL BRANCHES

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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.	PART NUMBER	CONFIDENTIAL INFORMATION	LUMEX	290 E. HELEN ROAD PALATINE, IL 60067-6976 PHONE: +1.847.359.2790 US WEB: www.lumex.com TW WEB: www.lumex.com.tw
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85mm x 20mm VIEW AREA, CHIPS ON BOARD LED BACKLIGHT, 565nm GREEN, 26 CHIPS, 4.2V @ 130mA.

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:	CHECKED BY:	APPROVED BY:	DATE: 7.30.04 PAGE: 1 OF 1 SCALE: N/A
JD			