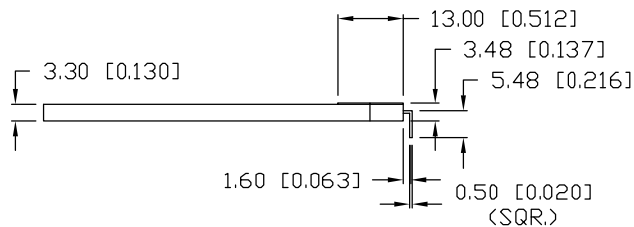
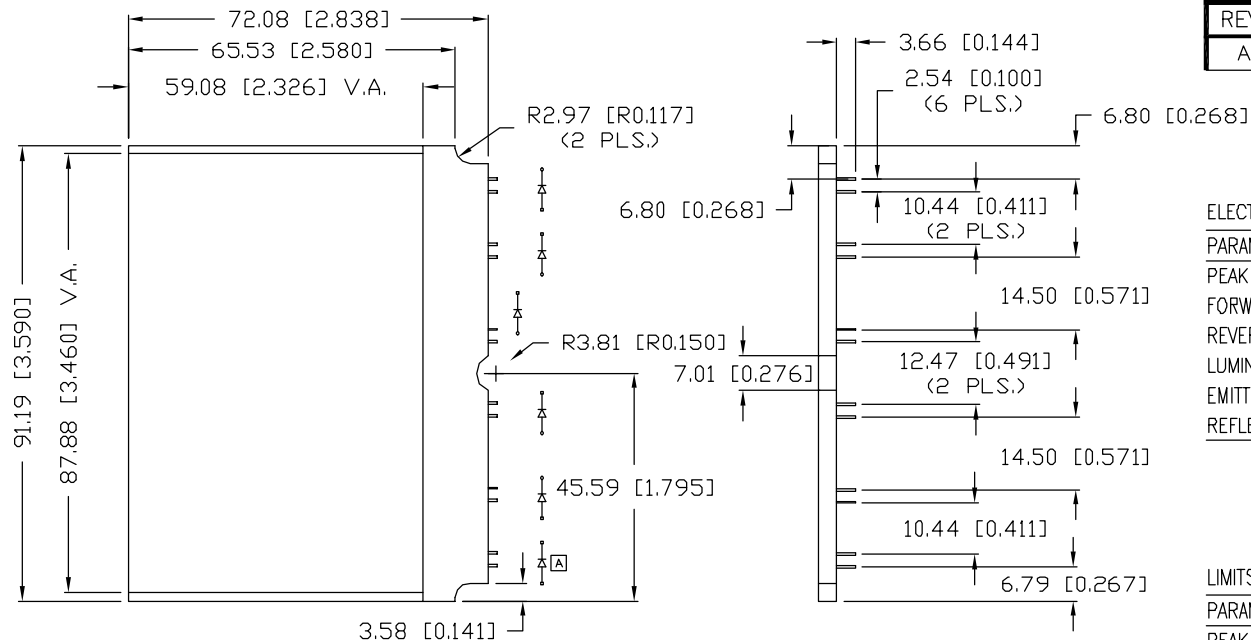


UNCONTROLLED DOCUMENT

PART NUMBER
SSB-CEL5988UPGCREV.
A

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #11082.	1.15.04

ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ PER MODULE					$I_f=120\text{ mA}$
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		525		nm	
FORWARD VOLTAGE		3.3	3.5	V_f	
REVERSE VOLTAGE	5.0			V_r	$V_r=100\mu\text{A}$
LUMINOUS INTENSITY		110		cd/m^2	$I_f=120\text{ mA}$
EMITTED COLOR:	GREEN				
REFLECTOR FINISH:	CLEAR				

LIMITS OF SAFE OPERATION AT 25°C PER DIE		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	110	mW
DERATE FROM 25°C	-1.2	mW/ $^\circ\text{C}$
OPERATING, STORAGE TEMP.	-40 TO +85	$^\circ\text{C}$
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=±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.
APART NUMBER
SSB-CEL5988UPGC

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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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3.6" x 2.8" CUSTOM LED BACKLIGHT,
525nm GREEN, CLEAR REFLECTOR.

DRAWN BY: CT	CHECKED BY:	APPROVED BY:	DATE: 10.31.03 PAGE: 1 OF 1 SCALE: N/A
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