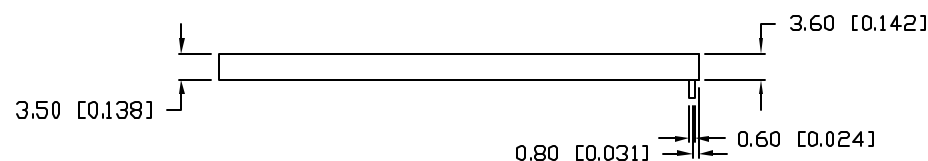
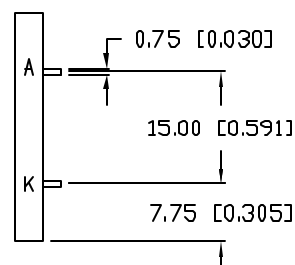
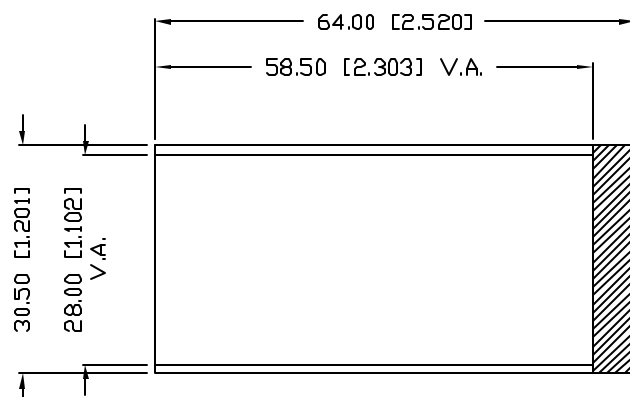


SSB-CEL5928SIW

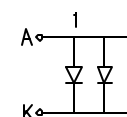
PRELIMINARY IN P/N DIR



ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ PER MODULE $I_f=60\text{ mA}$				
PARAMETER	MIN	TYP	MAX	UNITS
PEAK WAVELENGTH		640		nm
FORWARD VOLTAGE		2.0	2.6	V_f
REVERSE VOLTAGE	5			V_r
LUMINOUS INTENSITY		TBA		cd/m^2
EMITTED COLOR:	RED			
REFLECTOR FINISH:	CLEAR WHITE WITH DIFFUSER			

LIMITS OF SAFE OPERATION AT 25°C PER MODULE

PARAMETER	MAX	UNITS
STEADY CURRENT	75	mA
POWER DISSIPATION	0.195	W
DERATE FROM 25°C , PER DIE	-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	



UNCONTROLLED DOCUMENT

*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.

PART NUMBER

SSB-CEL5928SIW

CONFIDENTIAL INFORMATION

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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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59mm x 28mm VIEW AREA, EDGE LIT LED BACKLIGHT,

3 CHIPS, 640nm RED, 2.0V @ 60mA.

DRAWN BY:

CHECKED BY:

APPROVED BY:

DATE: 10.22.04

PAGE: 1 OF 1

SCALE: N/A

JD