

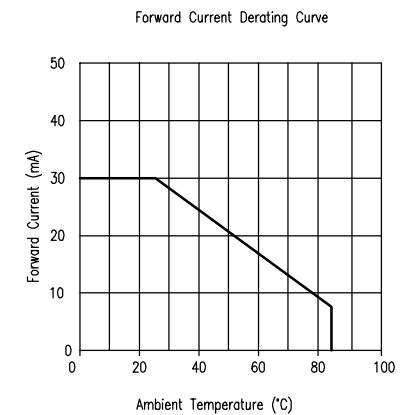
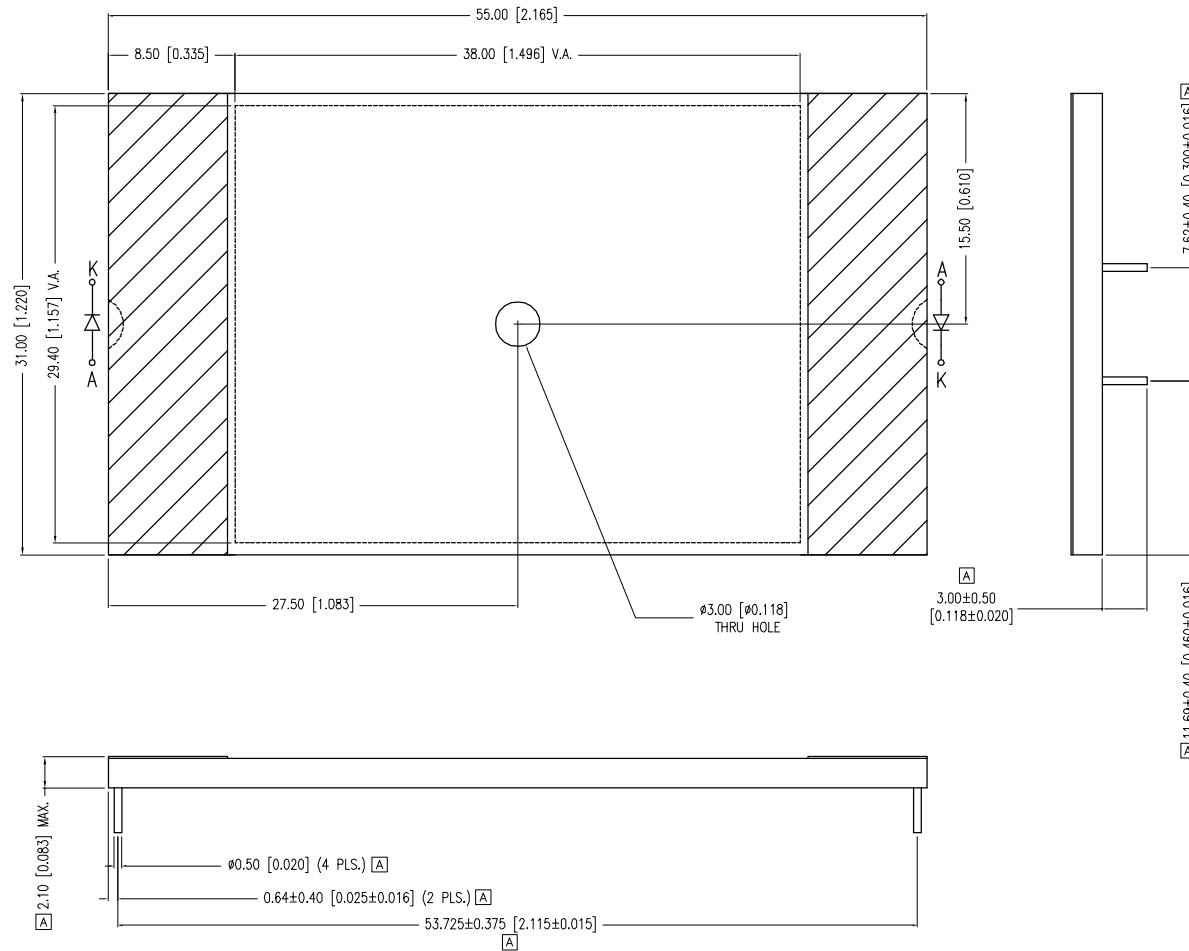
PART NUMBER	SSB-CEL3829UWW	REV.	A
DATE	E.C.N. NUMBER AND REVISION COMMENTS		
01.07.10	E.C.N. #11610.		
		REV.	A

ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $I_f=20\text{mA}$ X2					PER LED
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		-		nm	
FORWARD VOLTAGE		3.2	4.0	V_f	
REVERSE VOLTAGE	5.0			V_r	$V_r=0.15\text{mA}$
LUMINOUS INTENSITY(*)		TBA		cd/m^2	$I_f=12\text{V}$
CHROMACITY X	0.26		0.36		
COORDINATES(**) Y	0.26		0.36		$I_f=20\text{mA}$ X2
EMITTED COLOR:	WHITE				
EPOXY LENS FINISH:	CLEAR WHITE WITH DIFFUSER				

* LUMINOUS INTENSITY TESTING CONDITION: 550nm WAVELENGTH.

** THE ICI STANDARD COLORIMETRIC SYSTEM.

LIMITS OF SAFE OPERATION AT 25°C PER DIE		
PARAMETER	MAX	UNITS
STEADY CURRENT	20	mA
POWER DISSIPATION	0.08	mW
DERATE FROM 25°C PER DIE	-1.2	$\text{mW}/^\circ\text{C}$
OPERATING TEMP.	-40 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



*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

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38mm x 29mm V.A. CUSTOM LED BACKLIGHT, WHITE LED, 2 CHIPS.

THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.

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DATE:	01.16.09	DRAWN BY:	JN
PAGE:	1 OF 1	CHKD BY:	
SCALE:	N/A	APRVD BY:	YA
UNIT:	mm [INCH]		(R6)