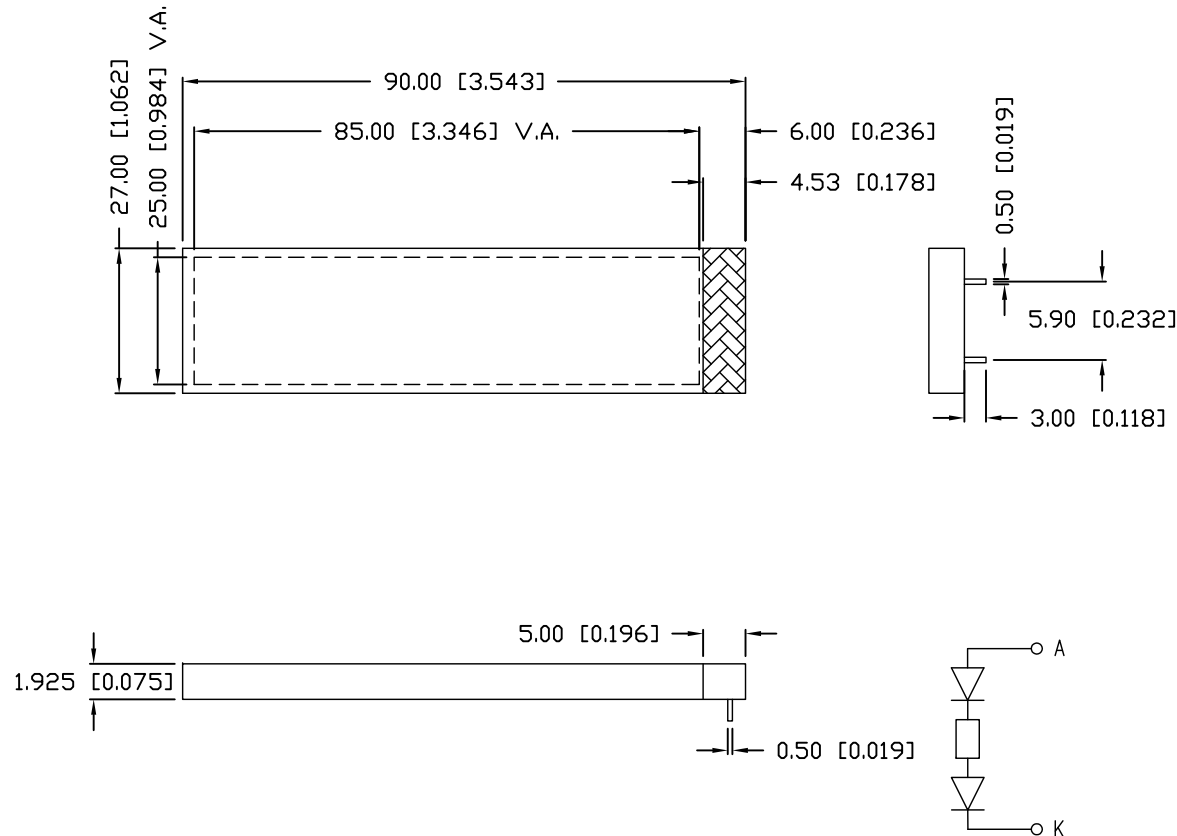


ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^{\circ}\text{C}$

PARAMETER	SYMBOL	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH			—		nm	
FORWARD VOLTAGE	V_f		9.0	—	V	$I_f=20\text{mA}$
REVERSE VOLTAGE	V_r		10		V	$I_r=0.05\text{mA}$
LUMINOUS INTENSITY	I_v		300		cd/m ²	$I_f=20\text{mA}$
CHROMATICITY COORDINATES(*2)	X	0.26		0.35		
	Y	0.26		0.35		

EMITTED COLOR: WHITE

EPOXY LENS FINISH: WHITE DIFFUSED

*1. AXIAL INTENSITY TESTING CONDITION: 550nm WAVELENGTH.

*2. THE ICI STANDARD COLORIMETRIC SYSTEM.

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	SYMBOL	MAX	UNITS
PULSE FORWARD CURRENT	I_p	24	mA
STEADY CURRENT	I_F	20	mA
POWER DISSIPATION	P_D	180	mW
OPERATING TEMP.	T_{OPR}	-20 TO +70	$^{\circ}\text{C}$
STORAGE TEMP.	T_{STG}	-30 TO +80	$^{\circ}\text{C}$
SOLDERING TEMP.		+260	$^{\circ}\text{C}$
2.0mm FROM BODY			3 SEC. MAX

*DUTY 1/10 PULSE WIDTH 10ms

CAUTION: STATIC SENSITIVE DEVICE
FOLLOW PROPER E.S.D. HANDLING PROCEDURES
WHEN WORKING WITH THIS PART.



*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

REV.

—

PART NUMBER
SSB-CEL9027UWW

90 X 27 mm LED WHITE BACKLIGHT.

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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DATE: 06.20.13

PAGE: 1 OF 1

SCALE: N/A