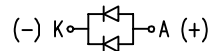
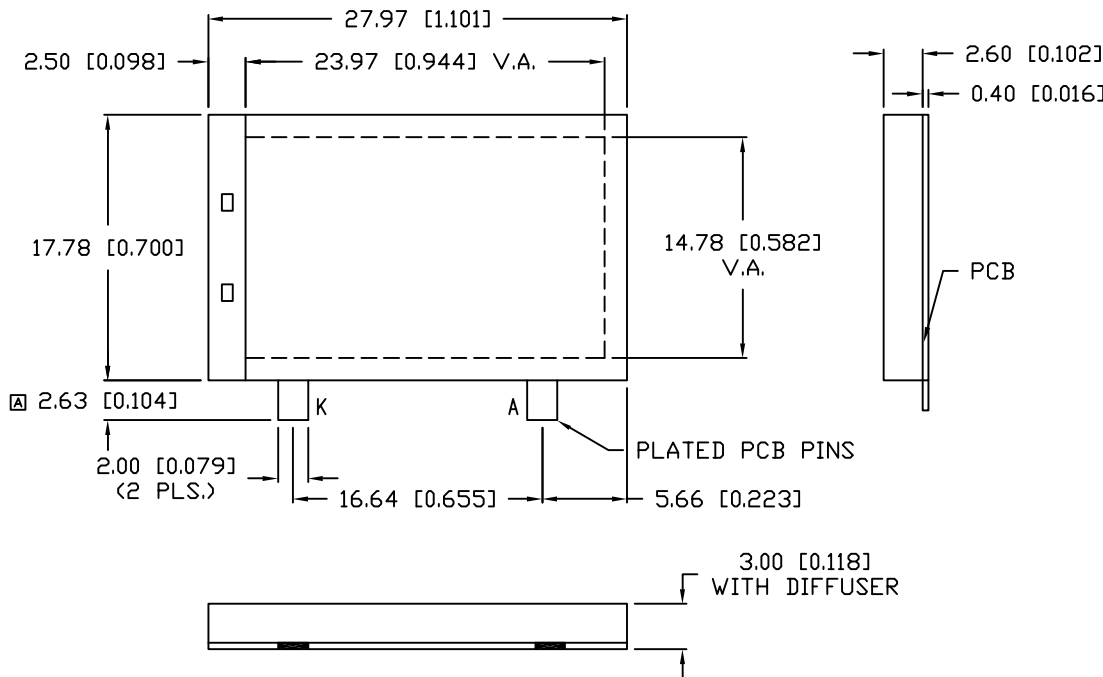


PRELIMINARY IN P/N DIR



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

$I_f = 40\text{mA}$

PARAMETER	SYMBOL	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH			-		nm	
FORWARD VOLTAGE	$V_f$		3.3	4.0	V	
REVERSE VOLTAGE	$V_r$	5.0			V	$I_f=40\text{mA}$
AXIAL INTENSITY(*1)	$I_v$		TBA		mcd	$I_f=40\text{mA}$
CHROMATICITY	X		0.31			
COORDINATES(*2)	Y		0.31			
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 PER DIE

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	100	mA
STEADY CURRENT	20	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING, STORAGE TEMP.	-30 TO +80	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY		3 SEC. MAX

\*  $t < 10\mu\text{s}$

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 -DECIMAL PRECISION

REV. PART NUMBER  
SSB-CEL2718UWW

CUSTOM EDGE LIT, LED BACKLIGHT,  
WHITE LEDS, WHITE DIFFUSED.

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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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