

UNCONTROLLED DOCUMENT

SC:0.50

PART NUMBER

REV.

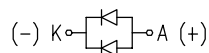
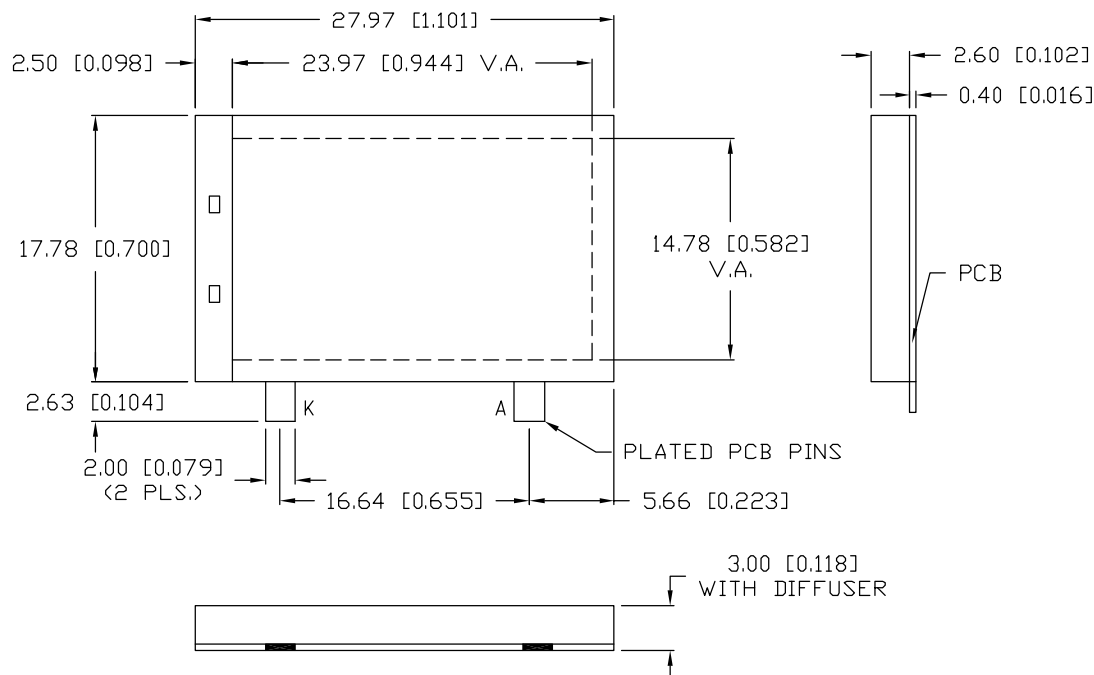
SSB-CEL2718SIW

PRELIMINARY IN P/N DIR

ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^{\circ}\text{C}$ PER MODULE					$I_f = 10\text{ mA}$
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		630		nm	
FORWARD VOLTAGE		4.0	4.8	V_f	
REVERSE VOLTAGE	5			V_r	$I_r = .15\text{mA}$
LUMINOUS INTENSITY		TBA		cd/m^2	$I_f = 10\text{ mA}$
EMITTED COLOR:	RED				
REFLECTOR FINISH:	CLEAR WHITE WITH DIFFUSER				

LIMITS OF SAFE OPERATION AT 25°C PER LED

PARAMETER	MAX	UNITS
STEADY CURRENT	20	mA
POWER DISSIPATION	100	mW
DERATE FROM 25°C	-1.0	$\text{mW}/^{\circ}\text{C}$
OPERATING TEMP.	-20 TO +70	$^{\circ}\text{C}$
STORAGE TEMP.	-30 TO +80	$^{\circ}\text{C}$
SOLDERING TEMP.	+260	$^{\circ}\text{C}$
2.0MMFROMBODY		3 SEC. MAX

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

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: $X=\pm 1$ (± 0.039), $X.X=\pm 0.5$ (± 0.020), $X.XX=\pm 0.25$ (± 0.010), $X.XXX=\pm 0.127$ (± 0.005). LEAD SIZE= ± 0.05 (± 0.002), LEAD LENGTH= ± 0.75 (± 0.030). MIN= +DECIMAL PRECISION MAX= +0.00 -DECIMAL PRECISION

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CUSTOM EDGE LIT, LED BACKLIGHT,
640nm SUPER RED LEDS, WHITE DIFFUSED.

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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SCALE: N/A



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