

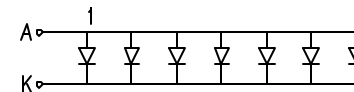
ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ PER MODULE					$I_f=140\text{mA}$
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		-		nm	
FORWARD VOLTAGE		3.5	4	$V_f$	
REVERSE VOLTAGE	5			$V_r$	$I_r=0.35\text{mA}$
LUMINOUS INTENSITY(*1)		230		$\text{cd/m}^2$	$I_f=140\text{mA}$
CHROMATICITY X	0.27	0.29	0.31		
COORDINATES(*2) Y	0.29	0.30	0.32		
EMITTED COLOR:	WHITE				
REFLECTOR FINISH:	CLEAR WHITE DIFFUSER				

\*1. LUMINOUS INTENSITY TESTING CONDITION: 550nm WAVELENGTH.

\*2. THE ICI STANDARD COLORIMETRIC SYSTEM.

LIMITS OF SAFE OPERATION AT  $25^\circ\text{C}$  PER MODULE

PARAMETER	MAX	UNITS
STEADY CURRENT	168	mA
POWER DISSIPATION	0.67	W
DERATE FROM $25^\circ\text{C}$ , 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	



\*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 MAX.=+0.00 DECIMAL PRECISION

REV.

PART NUMBER

SSB-CEL7172UWW

71mm x 72mm VIEW AREA, EDGE LIT LED BACKLIGHT,  
7 CHIPS, WHITE, 3.5V @ 140 mA

## 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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