

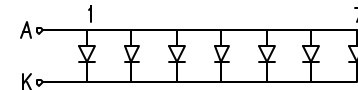
ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ PER MODULE $I_f=140\text{mA}$

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		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°C PER MODULE

PARAMETER	MAX	UNITS
STEADY CURRENT	168	mA
POWER DISSIPATION	0.67	W
DERATE FROM 25°C, PER DIE	-1.2	mW/°C
OPERATING, STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+260	°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} _{-0.00} MAX= ^{+0.00} _{-DECIMAL PRECISION}

REV.

PART NUMBER
SSB-CEL7172UWW

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

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.

DRAWN BY: JD	CHECKED BY:	APPROVED BY:	DATE: 7.15.04
			PAGE: 1 OF 1
			SCALE: N/A