

UNCONTROLLED DOCUMENT

SC:2

PART NUMBER

SSB-CER25095UW

REV.

PRELIMINARY IN P/N DIR

ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^{\circ}\text{C}$ PER MODULE $I_f = 20\text{ mA}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		WHITE		nm	
FORWARD VOLTAGE		5.6		V_f	
REVERSE VOLTAGE			8	V_r	$V_r = 100\mu\text{A}$
LUMINOUS INTENSITY(*1)		60		cd/m^2	$I_f = 100\text{ mA}$
CHROMATICITY	X				$I_f = 20\text{ mA}$
COORDINATES(*2)	Y				
EMITTED COLOR:	WHITE				
REFLECTOR FINISH:	WHITE				

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

*2. THE ICI STANDARD COLORIMETRIC SYSTEM.

LIMITS OF SAFE OPERATION AT 25°C

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

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

NOTES:

- 2 SETS OF 40 PARALLEL CHIPS.
- 'EXIT' AND ARROWS ARE SOLID BLACK.

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*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= $\frac{+ \text{DECIMAL PRECISION}}{- 0.00}$ MAX= $\frac{+ 0.00}{- \text{DECIMAL PRECISION}}$

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3.7" x 9.8" WHITE LED BACKLIGHT.

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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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