

UNCONTROLLED DOCUMENT

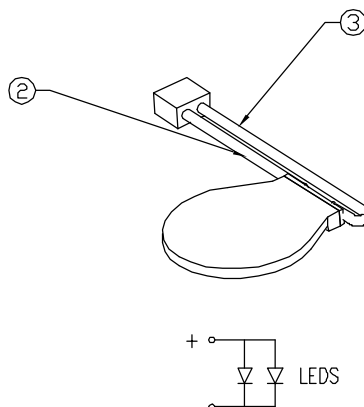
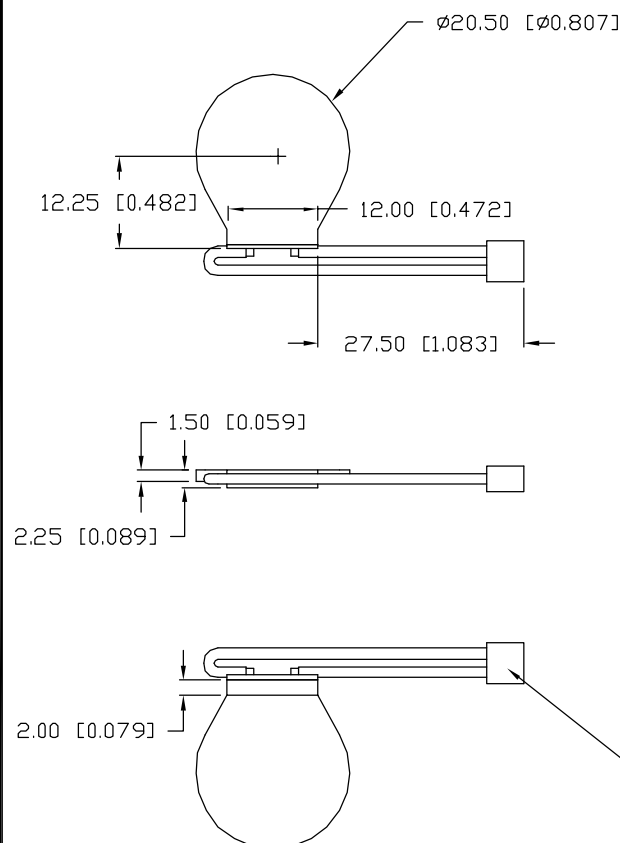
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PART NUMBER

REV.

SSB-CER210UW28CON

PRELIMINARY IN P/N DIR



NOTES:

1. CONNECTOR FROM ZIRUI ELECTRONICS
- HOUSING P/N ZH-ZY (PITCH 1.5mm) NYLON 94-V2
- TERMINALS P/N ZH (PHOS. BRONZE, TIN PLATE)
2. RED WIRE, 26 AWG UL1007
3. BLACK WIRE, 26 AWG UL1007

ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^{\circ}\text{C}$ PER MODULE					$I_f=40\text{ mA}$
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		(WHITE)		nm	
FORWARD VOLTAGE		3.5	4.0	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_r=0.40\text{mA}$
AXIAL INTENSITY		200		cd/m^2	$I_f=40\text{ mA}$
CHROMATICITY X	.28		.31		
COORDINATES(*2) Y	.28		.31		
EMITTED COLOR:	WHITE				
REFLECTOR FINISH:	CLEAR WHITE WITH DIFFUSER				

- *1. LUMINOUS 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	30	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	
* $t < 10\mu\text{s}$		

*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= -0.00 DECIMAL PRECISION MAX= +0.00 DECIMAL PRECISION

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Ø 20.50mm ROUND BACKLIGHT

WHITE, 2 LEDS, WITH WIRES AND CONNECTOR.

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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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