

└ 6.35 [0.250] (2 PLS.)

A diagram showing a single layer labeled K1. The layer is represented by a rectangle with diagonal hatching. To the left of the rectangle, there are two horizontal lines with arrows pointing towards each other, indicating the thickness of the layer, labeled h_1 .

1 K2

304,80 [12,000]

*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

REV.

PART NUMBER
SSB-CEL305216UWW

CUSTOM WHITE LED LIGHT PANEL.

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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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REV.

ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^{\circ}\text{C}$ PER-MODULE $I_f=240\text{mA}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
FORWARD VOLTAGE		24	—	V _f	
REVERSE VOLTAGE	8			V _r	V _r =100μA
LUMINOUS INTENSITY(*1)	7000			cd/m ²	I _f =240mA
CHROMATICITY	X	0.29	0.32	0.35	
COORDINATES(*2)	Y	0.31	0.34	0.37	I _f =240mA
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
STEADY CURRENT	280	mA
POWER DISSIPATION	6.0	W
DERATE FROM 25°C	- 1.2	mW/°C
OPERATING TEMP.	- 20 TO + 70	°C
STORAGE TEMP.	- 30 TO + 80	°C
SOLDERING TEMP.	+ 260	°C
2.0MMFROMBODY		3 SEC. MAX

NOTES:

1. LIGHT GUIDE (NOT VISIBLE)
2. PCB
3. SMD LED (NOT VISIBLE)
4. REFLECTOR TAPE
5. DIFFUSER TAPE (NOT VISIBLE)
6. SHADING TAPE
7. LIGHT REFLECTOR TAPE
8. BEF

UNCONTROLLED DOCUMENT

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