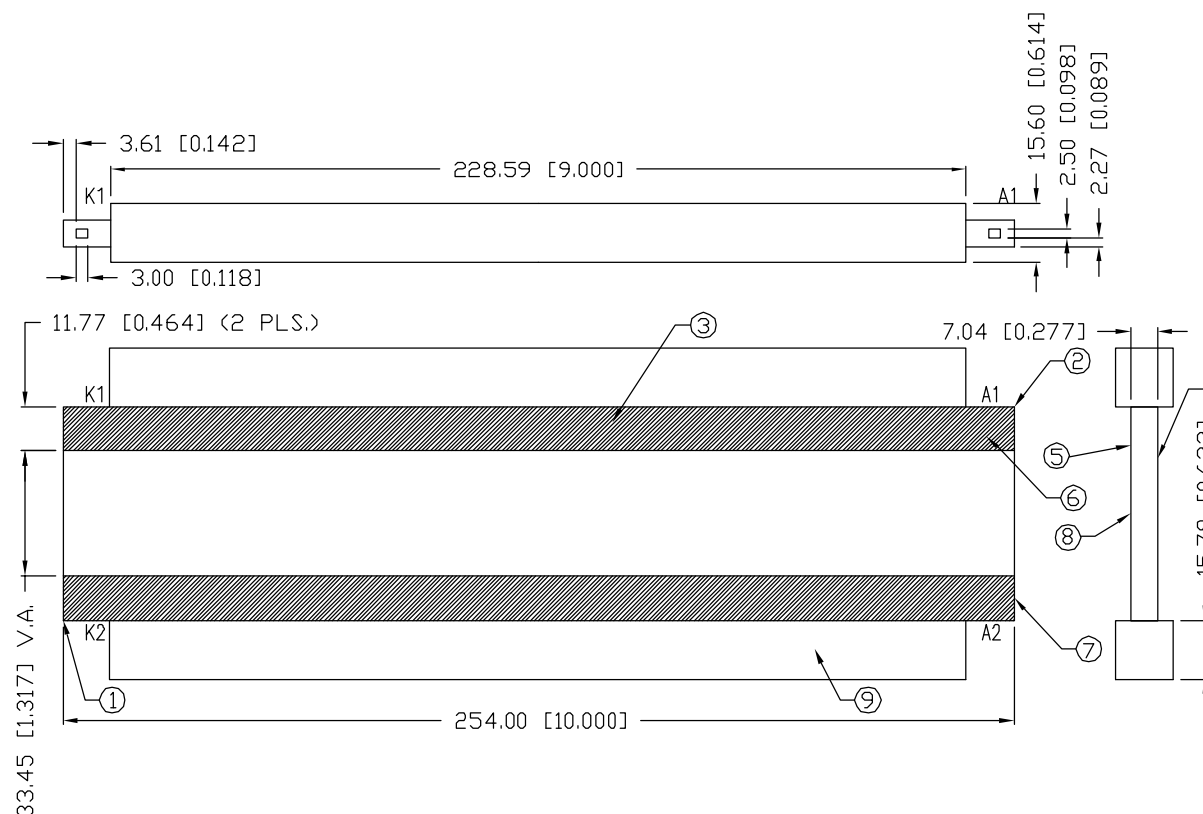


SSB-CEL25434UWW

PRELIMINARY IN P/N DIR



ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ PER-MODULE					$I_f=480\text{mA}$
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
FORWARD VOLTAGE		9.9	12	V_f	
REVERSE VOLTAGE	8			V_r	$V_r=100\mu\text{A}$
LUMINOUS INTENSITY(*1)	10000			cd/m^2	$I_f=100\text{mA}$
CHROMATICITY	X	0.29	0.32	0.35	
COORDINATES(*2)	Y	0.31	0.34	0.37	$I_f=480\text{mA}$
EMITTED COLOR:	WHITE				
REFLECTOR FINISH:	WHITE				

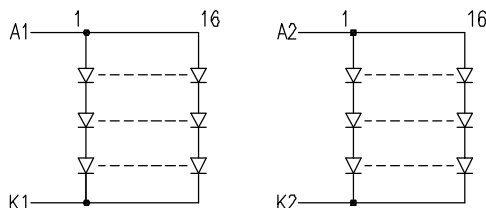
*1. LUMINOUS INTENSITY TESTING CONDITION: 550nm WAVELENGTH.
 *2. THE ICI STANDARD COLORIMETRIC SYSTEM.

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
STEADY CURRENT	960	mA
POWER DISSIPATION	11.5	W
DERATE FROM 25°C	-1.2	mW/ $^\circ\text{C}$
OPERATING TEMP.	-20 TO +70	$^\circ\text{C}$
STORAGE TEMP.	-30 TO +80	$^\circ\text{C}$
SOLDERING TEMP.	+260	$^\circ\text{C}$
2.0MMFROMBODY		3 SEC. MAX

NOTES:

1. LIGHT GUIDE
2. PCB
3. SMD LED
4. REFLECTOR TAPE
5. DIFFUSER TAPE
6. SHADING TAPE
7. LIGHT REFLECTOR TAPE
8. BEF
9. HEAT SINK (2 PCS.)



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

REV.

PART NUMBER

SSB-CEL25434UWW

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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