

UNCONTROLLED DOCUMENT

PART NUMBER
SSA-COB2277SRC/B5V

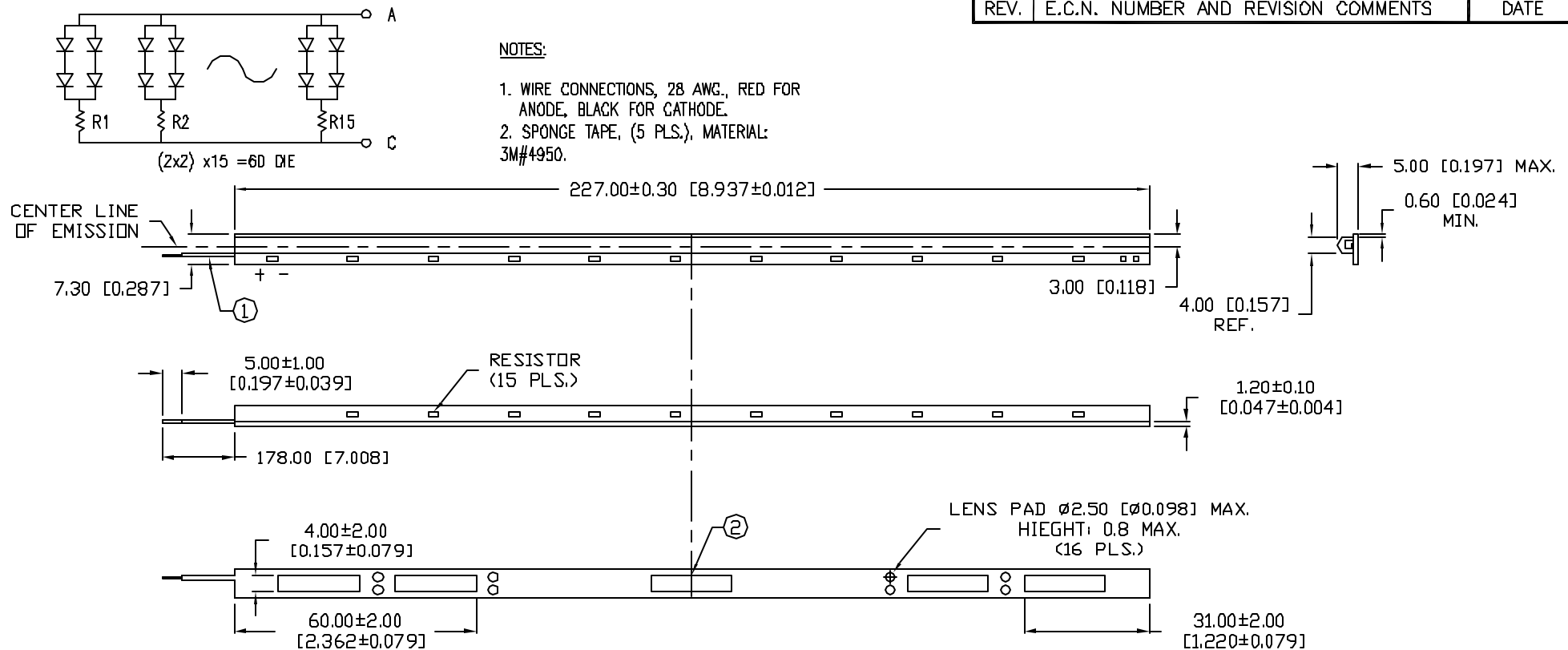
REV.

REV. E.C.N. NUMBER AND REVISION COMMENTS

DATE

NOTES:

1. WIRE CONNECTIONS, 28 AWG., RED FOR ANODE, BLACK FOR CATHODE.
2. SPONGE TAPE, (5 PLS.), MATERIAL: 3M#4950.



ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $I_f=200\text{mA}$					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		660 (RED)		nm	
FORWARD VOLTAGE		5.0	5.3	V _f	
REVERSE VOLTAGE	8.0			V _r	$I_f=100\mu\text{A}$
AXIAL INTENSITY		2200		Lx	$I_f=200\text{mA}$
LIGHT HALF WIDTH		4		nm	
EMITTED COLOR:	RED				
EPOXY LENS FINISH:	WATER CLEAR				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	800	mA
STEADY CURRENT	200	mA
POWER DISSIPATION	4300	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING TEMP.	-10 TO +85	°C
STORAGE TEMP.	-10 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY	3 SEC. MAX	
* $t < 10\mu\text{s}$		

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*UNLESS OTHERWISE SPECIFIED TOLERANCE IS $\pm 0.25\text{mm}$ ($\pm 0.010"$)

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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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KS/BC

PAGE: 1 OF 1

SCALE: N/A

227 x 7 LIGHT STRIP, 60 CHIPS ON BOARD,
660nm SUPER RED LEDS, WATER CLEAR LENS.