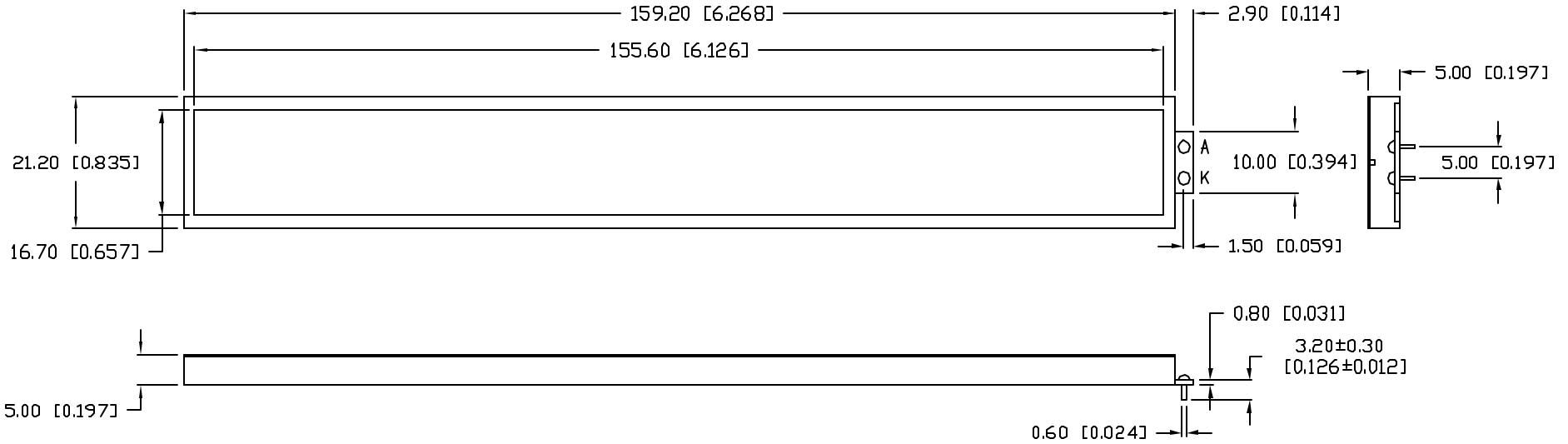


UNCONTROLLED DOCUMENT

PART NUMBER		REV.
SSB-COB15617SRW-A		A
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #10926.	11.06.02

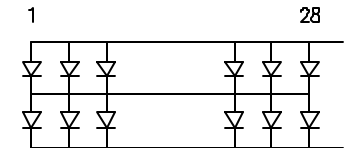


ELECTRO-OPTICAL CHARACTERISTICS  $T_A=25^{\circ}\text{C}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		660		nm	
FORWARD VOLTAGE		3.4	4.4	$V_f$	
REVERSE VOLTAGE	B			$V_r$	$V_r=200\mu\text{A}$
LUMINOUS INTENSITY		200		$\text{cd}/\text{m}^2$	$I_f=560\text{mA}$
EMITTED COLOR:	RED				
REFLECTOR FINISH:	MILKY WHITE				

LIMITS OF SAFE OPERATION AT  $25^{\circ}\text{C}$

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT	700	mA
STEADY CURRENT	560	mA
☒ POWER DISSIPATION	3.5	W
DERATE FROM $25^{\circ}\text{C}$	-25.8	$\text{mW}/^{\circ}\text{C}$
OPERATING TEMP.	-35 TO +80	$^{\circ}\text{C}$
STORAGE TEMP.	-40 TO +85	$^{\circ}\text{C}$
SOLDERING TEMP.	+260	$^{\circ}\text{C}$
2.0mm FROM BODY		3 SEC. MAX



2 CHIPS IN SERIES  
28 PARALLEL BRANCHES

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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.= +DECIMAL PRECISION -0.00 MAX.= +0.00 -DECIMAL PRECISION

REV.	PART NUMBER
A	SSB-COB15617SRW-A
156mm x 17mm LCD BACKLIGHT, 660nm RED CHIPS, MILKY WHITE REFLECTOR FINISH.	

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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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ct			PAGE: 1 OF 1
			SCALE: N/A