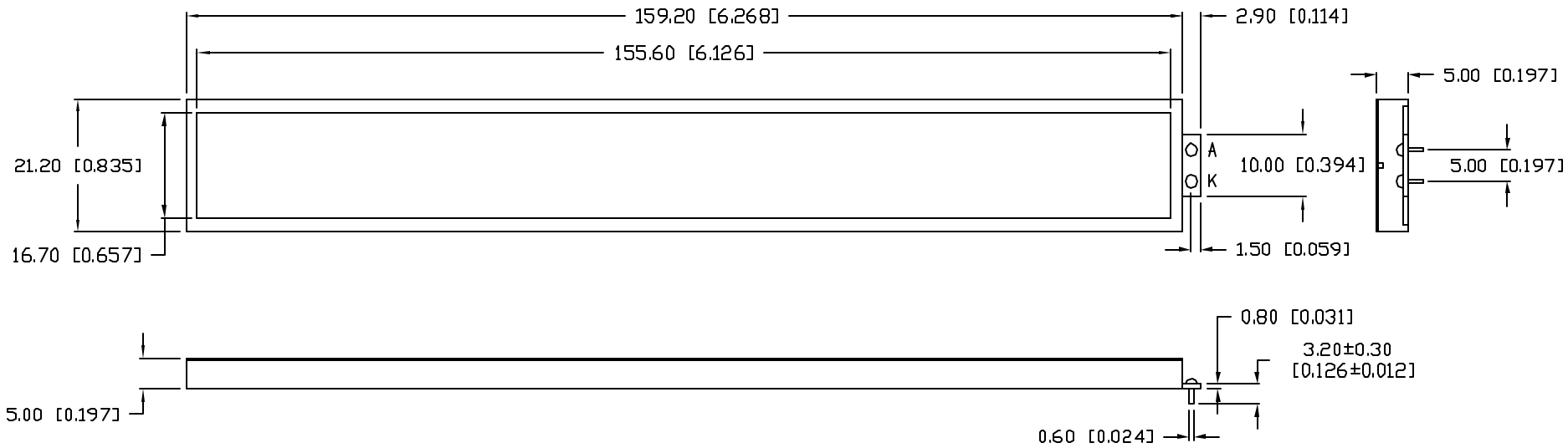
UNCONTROLLED DOCUMENT

PART NUMBER	REV.
SSB-COB15617SRW-A	A

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #10926.	11.06.02

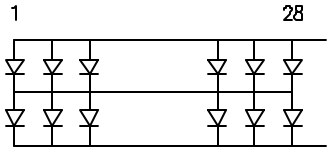


ELECTRO-OPTICAL CHARACTERISTICS T_A=25°C

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		660		nm	
FORWARD VOLTAGE		3.4	4.4	V_f	
REVERSE VOLTAGE	8			V_r	V_r =200µA
LUMINOUS INTENSITY		200		cd/m²	I_f=560mA
EMITTED COLOR:	RED				
REFLECTOR FINISH:	MILKY WHITE				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT	700	mA
STEADY CURRENT	560	mA
[A] POWER DISSIPATION	3.5	W
DERATE FROM 25°C	-25.8	mW/°C
OPERATING TEMP.	-35 TO +80	°C
STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+260	°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), 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 -0.00 MAX.= +0.00 -DECIMAL PRECISION

REV.	PART NUMBER
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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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[A]

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CT			PAGE: 1 OF 1
			SCALE: N/A