

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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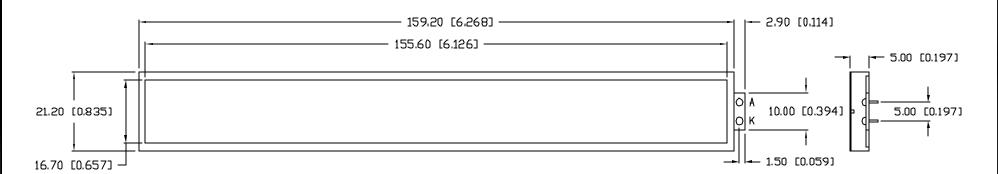


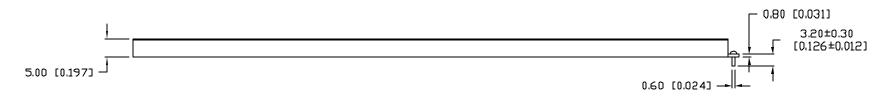
PART NUMBER

REV.

SSB-COB15617SRW-A

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



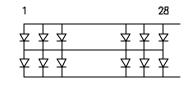


## ELECTRO-OPTICAL CHARACTERISTICS TA = 25°C

ELEGINO OF NOVE SITUATION 14 200					
PARAMETER	MIN	ΤΥP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		660		nm	
FORWARD VOLTAGE		3.4	4.4	$v_f$	
REVERSE VOLTAGE	8			$V_{\Gamma}$	V <sub>r</sub> =200μΑ
LUMINOUS INTENSITY		200		cd/m <sup>2</sup>	If=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
■ POWER DISSIPATION	3.5	W
DERATE FROM 25°C	-25.8	mW/°C
OPERATING TEMP.	- 35 TO +80	7€
STORAGE TEMP.	- 40 TO +85	<b>^C</b>
SOLDERING TEMP.	+ 260	<b>^</b> C
2.0mm FROM BODY		3 SEC. MAX



2 CHIPS IN SERIES 28 PARALLEL BRANCHES

\*UNIESS OTHERWISE SPECFED 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 97ZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). NN= +0ECIMAL PRECISION MAX.= +0.00 (±0.000), XXXX=±0.127 (±0.005).

PART NUMBER REV. 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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SCALE: N/A