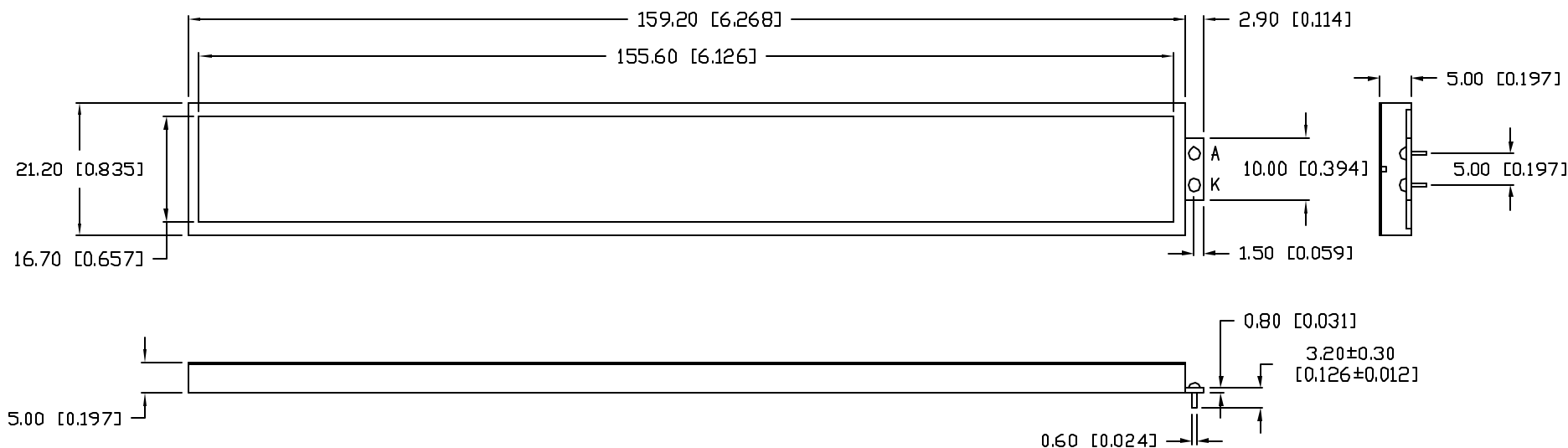


UNCONTROLLED DOCUMENT

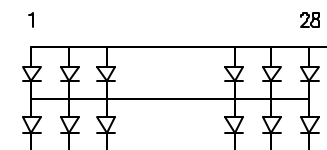
PART NUMBER		REV.
SSB-COB15617YW-A		A
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #10926.	11.6.02

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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		585		nm	
FORWARD VOLTAGE		4.2	5.0	V_f	
REVERSE VOLTAGE	8			V_r	$V_r=200\mu\text{A}$
LUMINOUS INTENSITY		200		cd/m^2	$I_f=560\text{mA}$
EMITTED COLOR:	YELLOW				
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	$\text{mW}/^{\circ}\text{C}$
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

*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 MAX.=+0.00 -DECIMAL PRECISION

REV.	PART NUMBER
A	SSB-COB15617YW-A

156mm x 17mm LCD BACKLIGHT, 585nm YELLOW 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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BC			PAGE: 1 OF 1
			SCALE: N/A