

UNCONTROLLED DOCUMENT

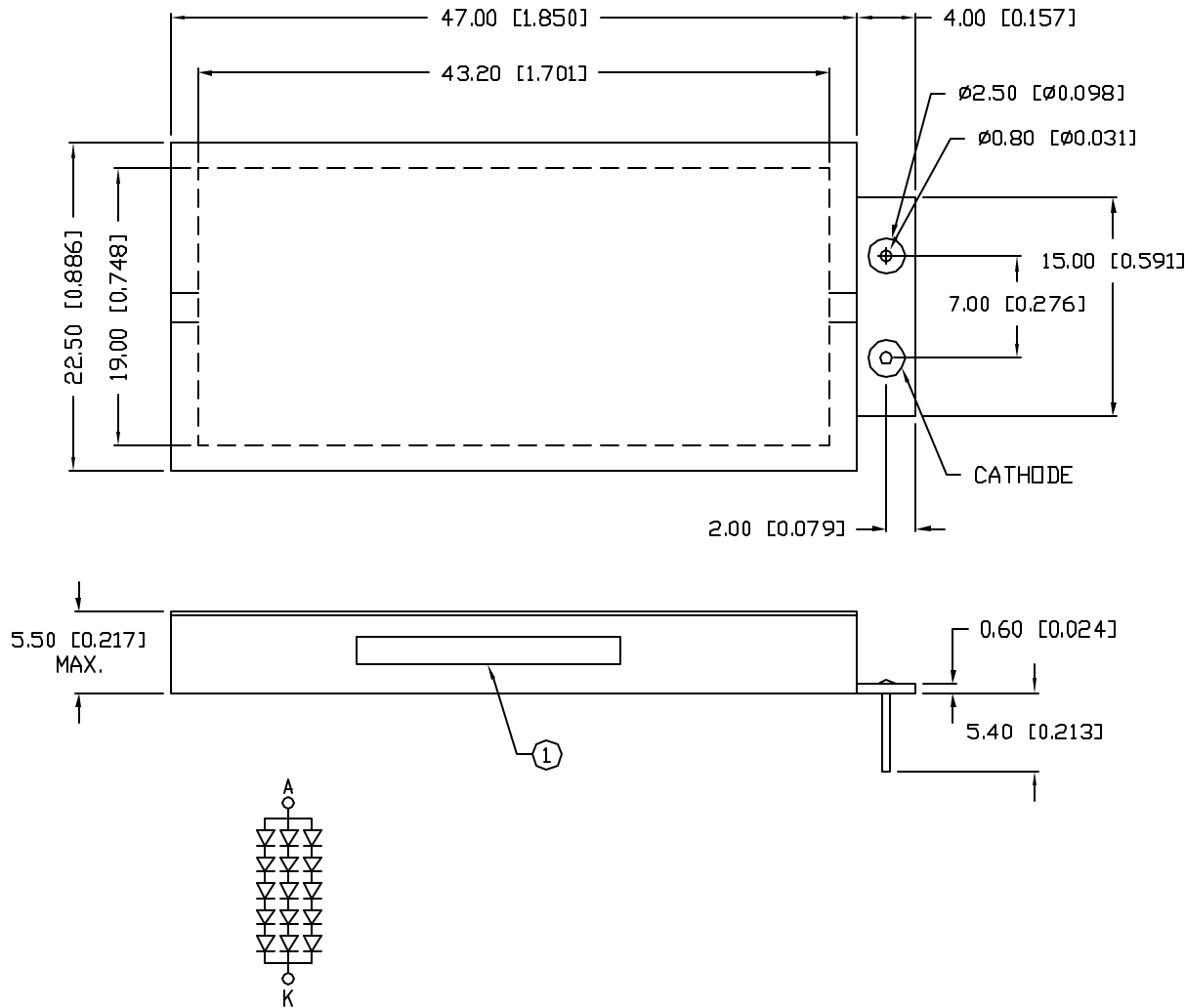
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PART NUMBER

REV.

SSB-COB4119SRW

PRELIMINARY IN P/N DIR



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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		660		nm	
FORWARD VOLTAGE		9	11	V _f	
LUMINOUS INTENSITY		250		cd/m ²	I _f =560mA
EMITTED COLOR:	RED				
REFLECTOR FINISH:	MILKY WHITE				

LIMITS OF SAFE OPERATION AT 25°C PER LED

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	75	mA
STEADY CURRENT	60	mA
POWER DISSIPATION	.938	W
DERATE FROM 25°C	62	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

* t<10μS

NOTES:

1. STAMP MANUFACTURING DATE CODE ON SIDE AS SHOWN.
2. PART NUMBER SSB-COB4119SRW ON BOTTOM OF P.C.B.

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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

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40mm x 19mm LED BACKLIGHT DISPLAY,
660nm SUPER RED CHIPS, 15 CHIPS ON BOARD.

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.

DRAWN BY:

GT

CHECKED BY:

APPROVED BY:

DATE: 7.26.02

PAGE: 1 OF 1

SCALE: N/A