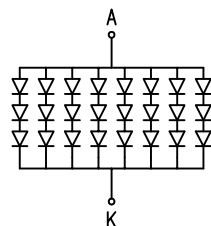
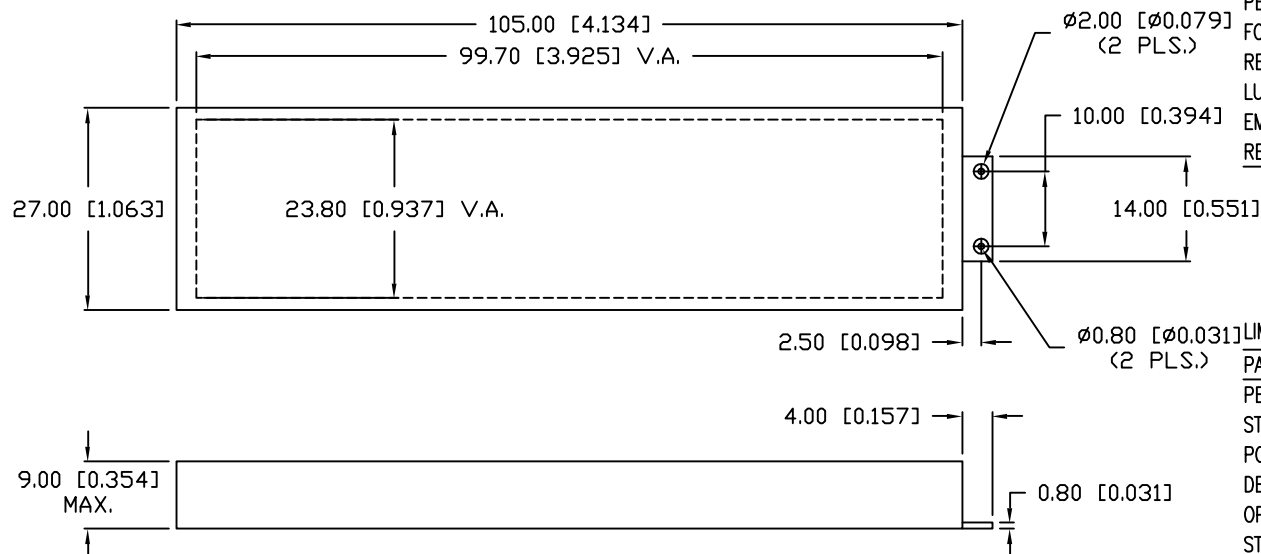


SSB-COB10024SYW

P1

PRELIMINARY IN P/N DIR



ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^{\circ}\text{C}$ PER MODULE					$I_f = 80 \text{ mA}$
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		590 (YELLOW)		nm	
FORWARD VOLTAGE		6.0	7.5	V_f	
REVERSE VOLTAGE	5.0			V_r	$V_r = 100\mu\text{A}$
LUMINOUS INTENSITY		TBA		cd/m^2	$I_f = 80 \text{ mA}$
EMITTED COLOR:	YELLOW				
REFLECTOR FINISH:	MILKY WHITE DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	1.2	A
STEADY CURRENT	160	mA
POWER DISSIPATION	960	mW
DERATE FROM 25°C	1.0	$\text{mW}/^{\circ}\text{C}$
OPERATING TEMP.	-40 TO $+80$	$^{\circ}\text{C}$
STORAGE TEMP.	-40 TO $+80$	$^{\circ}\text{C}$
SOLDERING TEMP.	$+260$	$^{\circ}\text{C}$
2.0mm FROM BODY		3 SEC. MAX

* $t < 10\mu\text{s}$

*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

P1

SSB-COB10024SYW

100mm x 24mm CHIP ON BOARD BACKLIGHT,
590nm YELLOW CHIPS, MILKY WHITE DIFFUSED.

CONFIDENTIAL INFORMATION

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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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PAGE: 1 OF 1

SCALE: N/A