

UNCONTROLLED DOCUMENT

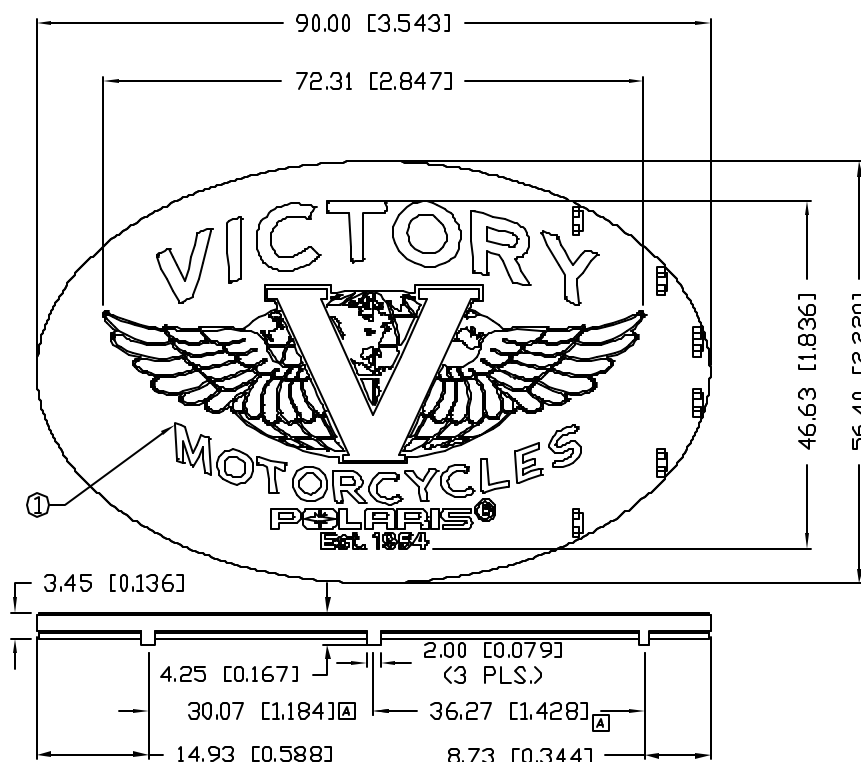
PART NUMBER

SSB-CER7247UWW-SUB

REV.

B

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #11291.	12.13.05
B	E.C.N. #11299.	1.6.06



ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ PER MODULE $I_f=40\text{ mA}$					TEST COND
PARAMETER	MIN	TYP	MAX	UNITS	
PEAK WAVELENGTH		550		nm	
FORWARD VOLTAGE		14.5	14.8	V_f	
REVERSE VOLTAGE			28	V_r	$I_r=0.1\text{ mA}$
LUMINOUS INTENSITY(*1)		TBA		cd/m^2	$I_f=40\text{ mA}$
CHROMATICITY X		0.30			
COORDINATES(*2) Y		0.30			
EMITTED COLOR:	WHITE				
REFLECTOR FINISH:	WHITE DIFFUSED				

*1. LUMINOUS INTENSITY TESTING CONDITION: 550nm WAVELENGTH.
 *2. THE ICI STANDARD COLORIMETRIC SYSTEM.

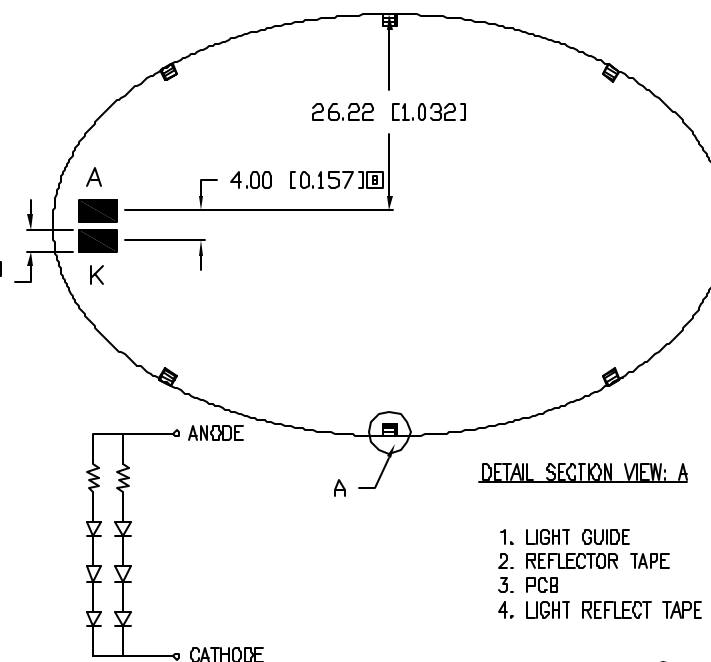
*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: $X=\pm 1$ (± 0.039), $XX=\pm 0.5$ (± 0.020), $XXX=\pm 0.25$ (± 0.010), $XXXX=\pm 0.127$ (± 0.005). LEAD SIZE= ± 0.05 (± 0.002), LEAD LENGTH= ± 0.75 (± 0.030). MIN= +DECIMAL PRECISION -0.00 MAX.= +0.00 -DECIMAL PRECISION

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
STEADY CURRENT	40	mA
POWER DISSIPATION	696	mW
OPERATING TEMP.	-20 TO +70	$^\circ\text{C}$
STORAGE TEMP.	-40 TO +85	$^\circ\text{C}$
SOLDERING TEMP.	+260	$^\circ\text{C}$
2.0mm FROM BODY	3 SEC. MAX	

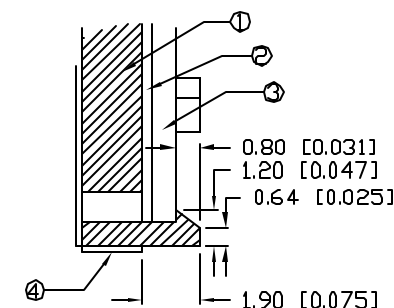
NOTE:

1. GRAPHICS FOR REFERENCE ONLY.

3X5 [0.118]
(2 PLS.)

DETAIL SECTION VIEW: A

1. LIGHT GUIDE
2. REFLECTOR TAPE
3. PCB
4. LIGHT REFLECT TAPE



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CUSTOM WHITE LED BACKLIGHT.

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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DATE: 5.10.05

PAGE: 1 OF 1

SCALE: N/A