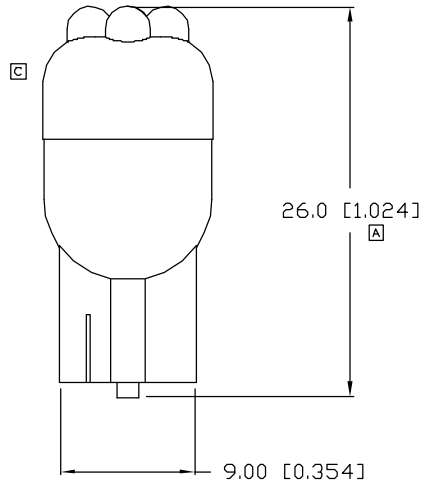
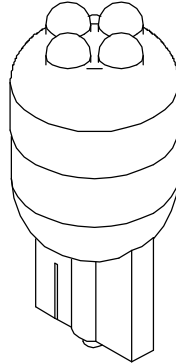
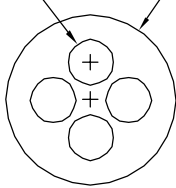


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CAUTION: STATIC SENSITIVE DEVICE  
FOLLOW PROPER E.S.D. HANDLING PROCEDURES  
WHEN WORKING WITH THIS PART.

∅3.00 [∅0.118]      ∅11.20 [∅0.441]



PART NUMBER		REV.
SSP-04MWB2UPL2		C
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #10961.	3.7.03
B	E.C.N. #11094.	2.18.04
C	E.C.N. #11100.	2.26.04

ⓐ ELECTRO-OPTICAL CHARACTERISTICS  $T_A=25^{\circ}\text{C}$   $V_f=12\text{V}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		525		nm	
FORWARD VOLTAGE		12.0	14.0	$V_f$	
REVERSE VOLTAGE	5.0			$V_r$	$I_r=100\mu\text{A}$
AXIAL INTENSITY		4500		mcd	$V_f=12\text{V}$
VIEWING ANGLE		30		2x theta	
EMITTED COLOR:	GREEN				
EPOXY LENS FINISH:	WATER CLEAR				

LIMITS OF SAFE OPERATION AT  $25^{\circ}\text{C}$  PER MODULE

PARAMETER	MAX	UNITS
PEAK FORWARD VOLTAGE	14	V
STEADY CURRENT	45	mA
POWER DISSIPATION	540	mW
DERATE FROM $25^{\circ}\text{C}$	-1.2	$\text{mW}/^{\circ}\text{C}$
OPERATING, STORAGE TEMP.	-40 TO +85	$^{\circ}\text{C}$

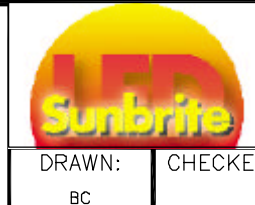
\*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN.=<sup>+DECIMAL PRECISION</sup>-0.00 MAX.=<sup>+0.00</sup>-DECIMAL PRECISION

UNCONTROLLED DOCUMENT

REV. C	PART NUMBER SSP-04MWB2UPL2
LED MINIATURE WEDGE BASE, GREEN.	

**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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