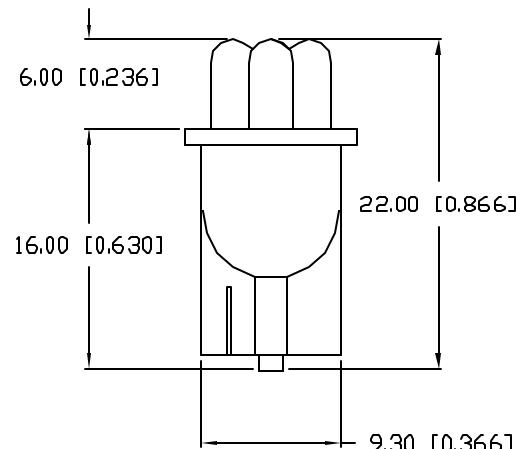
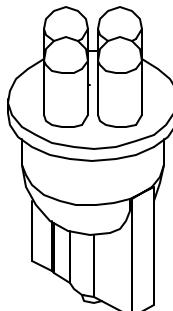
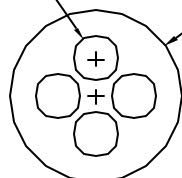


Ø3.00 [Ø0.118] — Ø11.30 [Ø0.445]

ELECTRO-OPTICAL CHARACTERISTICS  $T_A=25^\circ\text{C}$   $V_f=20\text{V}$ 

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		626		nm	
FORWARD VOLTAGE		12.0	14.0	$V_f$	
REVERSE VOLTAGE	5.0			$V_r$	$I_r=100\mu\text{A}$
AXIAL INTENSITY		3500		mod	$V_f=20\text{V}$
VIEWING ANGLE	30			$2x \theta_{\text{theta}}$	
EMITTED COLOR:	SUPER HIGH INTENSITY RED				
EPOXY LENS FINISH:	WATER CLEAR LENS				

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	105	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 ( $\pm 0.039$ ), XX=±0.5 ( $\pm 0.020$ ), XXX=±0.25 ( $\pm 0.010$ ), XXXX=±0.127 ( $\pm 0.005$ ), LEAD SIZE=±0.05 ( $\pm 0.002$ ), LEAD LENGTH=±0.75 ( $\pm 0.030$ ), MIN=  $+\text{DECIMAL PRECISION}$  MAX=  $+\text{DECIMAL PRECISION}$  -0.00 -0.00

REV.

PART NUMBER

SSP-04MWB6UL2

## CONFIDENTIAL INFORMATION

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LED MINIATURE WEDGE BASE, RED.

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