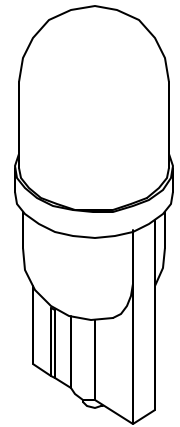
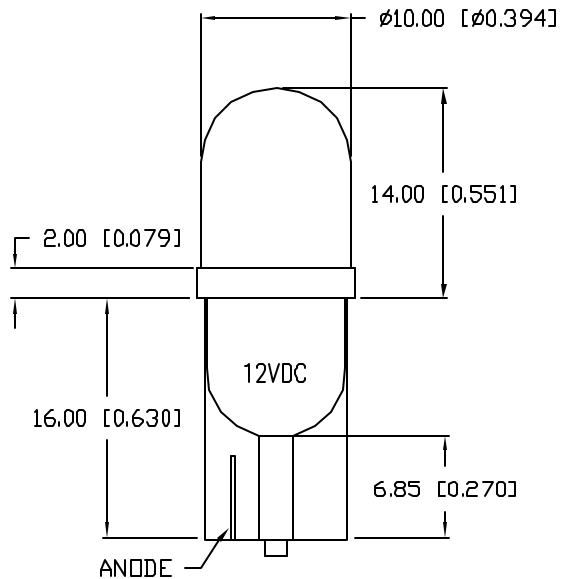


UNCONTROLLED DOCUMENT

PART NUMBER		REV.
SSP-01TWB6UW12		B
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #10897.	7.30.02
B	E.C.N. #11397.	03.01.07



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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		626		nm	
FORWARD VOLTAGE		12	14.0	V _f	
REVERSE VOLTAGE	5.0			V _r	I _r =100μA
AXIAL INTENSITY		2800		mcd	V _f =12V
VIEWING ANGLE		60		2x theta	

EMITTED COLOR: RED
EPOXY LENS FINISH: MILKY WHITE DIFFUSED

LIMITS OF SAFE OPERATION AT 25°C PER DIE

PARAMETER	MAX	UNITS
PEAK FORWARD VOLTAGE	14	V
☑ STEADY CURRENT	20	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING, STORAGE TEMP.	-40 TO +85	°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= ^{+0.00} _{-0.00} DECIMAL PRECISION MAX= ^{+0.00} _{-0.00} DECIMAL PRECISION

UNCONTROLLED DOCUMENT

REV.	PART NUMBER
B	SSP-01TWB6UW12

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RELIABILITY NOTE
DUR 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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LED MINIATURE WEDGE BASE, RED, MILKY WHITE DIFFUSED.

DRAWN:	CHECKED:	APPROVED:	DATE:
JC			11.16.06
			PAGE: 1 OF 1