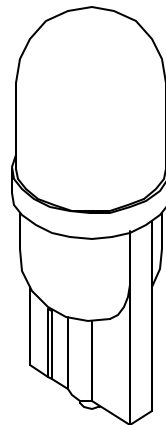
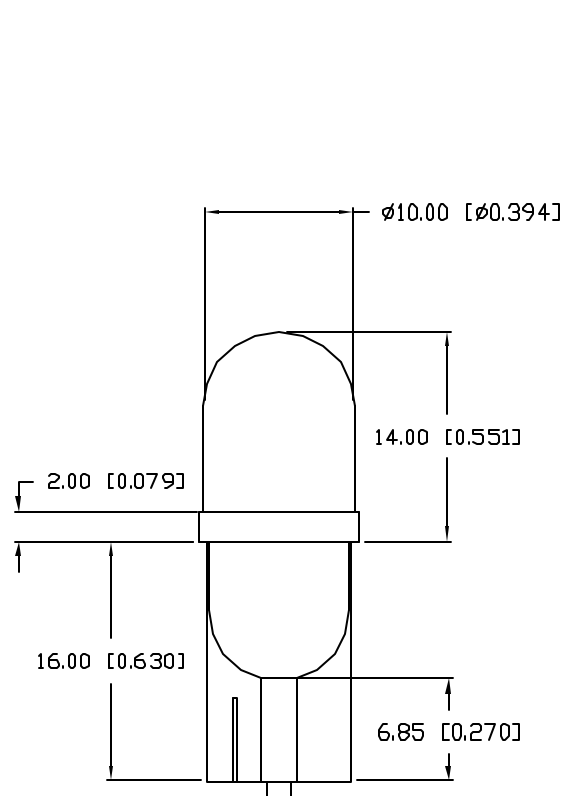


UNCONTROLLED DOCUMENT

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



PART NUMBER
SSP-01TWB7UWB12

REV.
A

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #10897.	7.30.02

ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$			$V_f=12\text{V}$		
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		470		nm	
FORWARD VOLTAGE		12	14.0	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_r=100\mu\text{A}$
AXIAL INTENSITY		7000		mcd	$V_f=12\text{V}$
VIEWING ANGLE		30		2x theta	
EMITTED COLOR:	SUPER BLUE				
EPOXY LENS FINISH:	WATER CLEAR LENS				

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/ $^\circ\text{C}$
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= ^{+0.00} _{-0.00} DECIMAL PRECISION MAX= ^{+0.00} _{-0.00} DECIMAL PRECISION

REV.
A

PART NUMBER
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LED MINIATURE WEDGE BASE LAMP,
SUPER BLUE, WATER CLEAR LENS.

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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