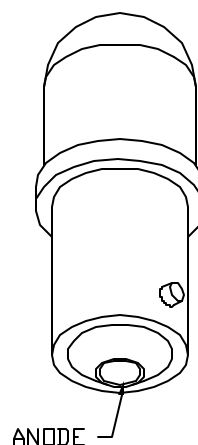
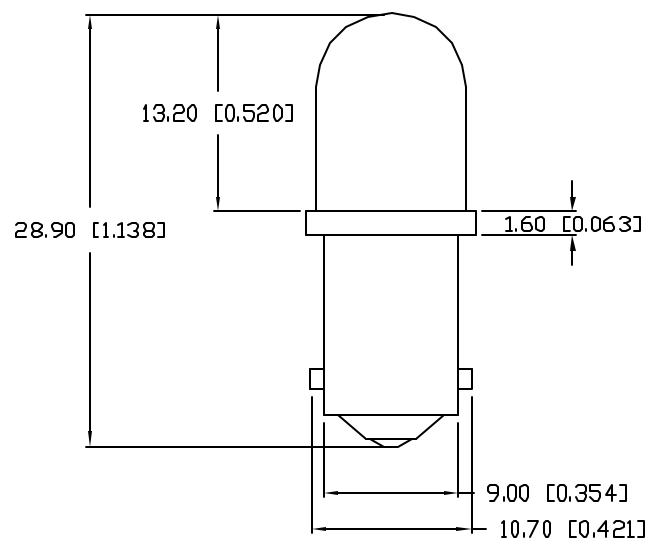
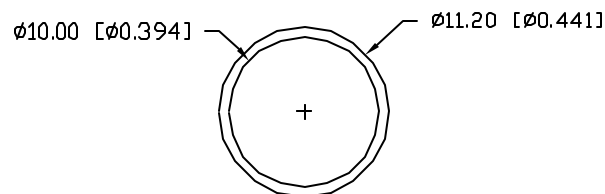


UNCONTROLLED DOCUMENT

PART NUMBER
SSP-D29B9SWC-28VREV.
A

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #11176.	10.18.04



ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$						$V_f=28\text{ V}$
PARAMETER	SYMBOL	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH			-		nm	
FORWARD VOLTAGE	V_f		28		V	
REVERSE VOLTAGE	V_r	5.0			V	$I_f=100\mu\text{A}$
AXIAL INTENSITY**	I_v		950		mcd	$V_f=28\text{ V}$
CHROMATICITY	X		0.33			$V_f=28\text{ V}$
COORDINATES ***	Y		0.34			
VIEWING ANGLE			20		2x theta	
EMITTED COLOR:	WHITE					
EPOXY LENS FINISH:	WATER CLEAR					

*** CHROMATICITY COORDINATES PER THE ICI STANDARD COLORIMETRIC SYSTEM.

LIMITS OF SAFE OPERATION AT 25°C PER DIE

PARAMETER	MAX	UNITS
PEAK FORWARD VOLTAGE	30	V
STEADY CURRENT	30	mA
POWER DISSIPATION	510	mW
DERATE FROM 25°C	-1.2	mW/ $^\circ\text{C}$
OPERATING, STORAGE TEMP.	-40 TO +85	$^\circ\text{C}$

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

UNCONTROLLED DOCUMENT

*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.=^{+DECIMAL PRECISION}-0.00 MAX.=^{+0.00}-DECIMAL PRECISION

REV.
APART NUMBER
SSP-D29B9SWC-28V

10mm CIRCULAR BA9 BASE LAMP,
550nm SUPER WHITE LED, WATER CLEAR LENS.

CONFIDENTIAL INFORMATION
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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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Mouser Electronics

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