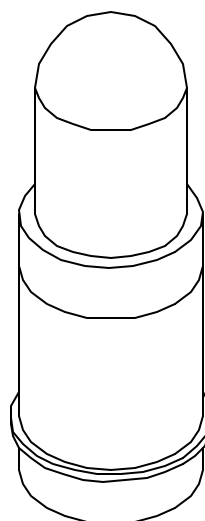
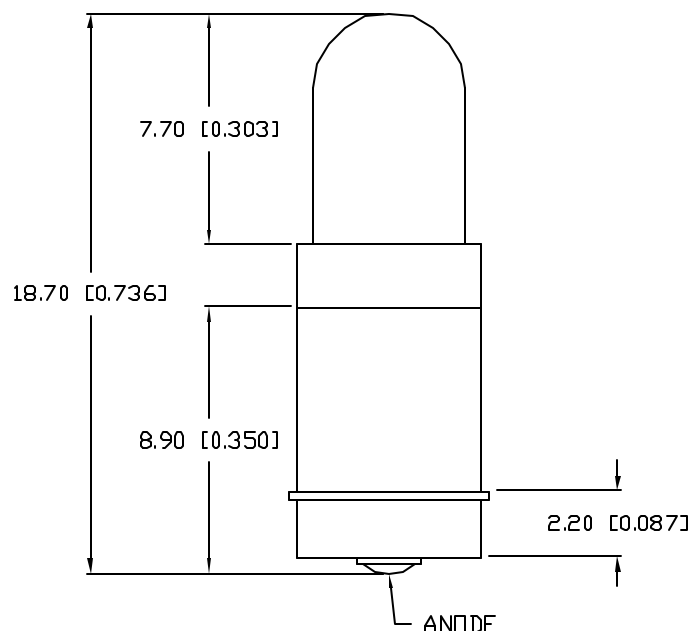
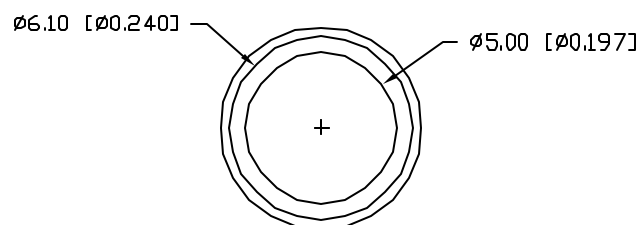


UNCONTROLLED DOCUMENT

PART NUMBER
SSP-D19F9SYC-6V

REV.

ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $V_f=6\text{ V}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		590		nm	
FORWARD VOLTAGE		6.0	8.0	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_f=100\mu\text{A}$
AXIAL INTENSITY		400		mcd	$V_f=6\text{ V}$
VIEWING ANGLE		45		2x theta	
EMITTED COLOR:	YELLOW				
EPOXY LENS FINISH:	WATER CLEAR				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD VOLTAGE	7.0	V
STEADY CURRENT	30	mA
POWER DISSIPATION	180	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), XX=±0.5 (±0.020), XXX=±0.25 (±0.010), XXXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN.=+DECIMAL PRECISION MAX.=+0.00
-0.00 -DECIMAL PRECISION

REV.

PART NUMBER

SSP-D19F9SYC-6V

5mm BULB LED LAMP WITH FLANGE BASE,
590nm AlInGaP YELLOW LED.

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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