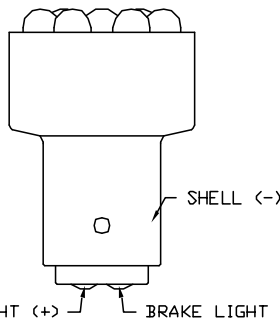
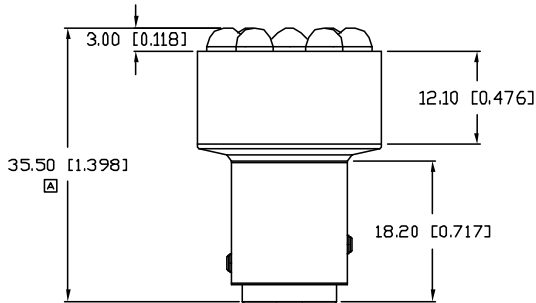
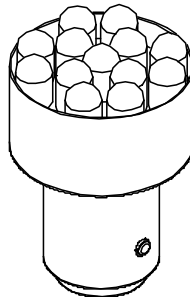
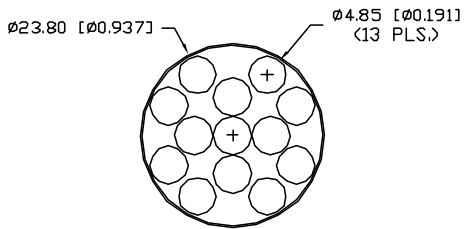


UNCONTROLLED DOCUMENT

PART NUMBER
SSP-13MDB152UP12G

REV.
D

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #10950.	1.28.03
B	E.C.N. #10993.	5.21.03
C	E.C.N. #11260.	7.18.05
D	E.C.N. #11148.	11.30.06



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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		525		nm	
FORWARD VOLTAGE		12.0		V_f	
REVERSE VOLTAGE	5.0			V_r	$I_f=100\mu\text{A}$
AXIAL INTENSITY *	99,100/33,000			mcd	$V_f=12\text{V}$
VIEWING ANGLE		30		2x theta	

EMITTED COLOR: GREEN
EPOXY LENS FINISH: WATER CLEAR
*STOP/RUN

LIMITS OF SAFE OPERATION AT 25°C

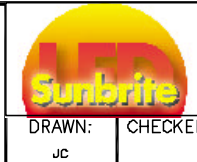
PARAMETER	MAX	UNITS
PEAK FORWARD VOLTAGE	14.0	V
STEADY CURRENT	90	mA
POWER DISSIPATION	1,260	mW
DERATE FROM 25°C	-1.2	$\text{mW}/^\circ\text{C}$
OPERATING, STORAGE TEMP.	-40 TO +85	$^\circ\text{C}$

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±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 -0.00, MAX.= -DECIMAL PRECISION

REV. D	PART NUMBER SSP-13MDB152UP12G
0.94" CIRCULAR, 13 LAMP POLYLED, GREEN, 1157 BASE, DOUBLE CONTACT AUTO BAYONET.	

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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