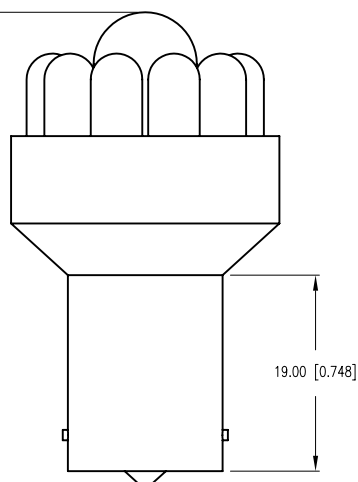
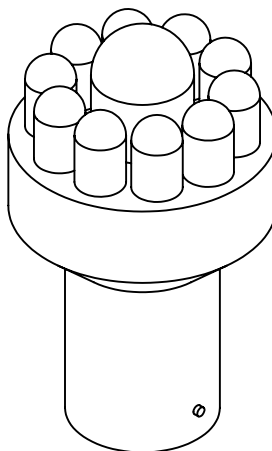
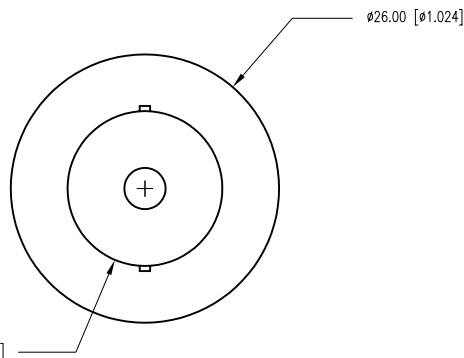


PART NUMBER	SSP-1156B153S12	REV.	D
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
02.26.03	E.C.N. #10958.		A
8.19.03	E.C.N. #11025.		B
11.5.03	E.C.N. #11050.		C
12.12.11	E.C.N. #11741, #10BRDR.		D

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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		590		nm	
FORWARD VOLTAGE		12.0	14.0	Vf	
REVERSE VOLTAGE	5.0			Vr	Ir=100 μ A
AXIAL INTENSITY		48500		mcd	Vf=12V
VIEWING ANGLE		30		2x theta	
EMITTED COLOR:	YELLOW				
LENS FINISH:	WATER CLEAR				

LIMITS OF SAFE OPERATION AT 25°C PER MODULE

PARAMETER	MAX	UNITS
PEAK FORWARD VOLTAGE	14	V
STEADY CURRENT	110	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	-1.2	mW/ $^{\circ}\text{C}$
OPERATING TEMP.	-40 TO +85	$^{\circ}\text{C}$
STORAGE TEMP.	-40 TO +85	$^{\circ}\text{C}$

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

*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



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1156 LED REPLACEMENT LAMP, YELLOW.

THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.

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DATE:	12.12.11	DRAWN BY:	AB
PAGE:	1 OF 1	CHKD BY:	JD
SCALE:	NTS	APRVD BY:	SS
UNIT:	mm [INCH]		(Pc)

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