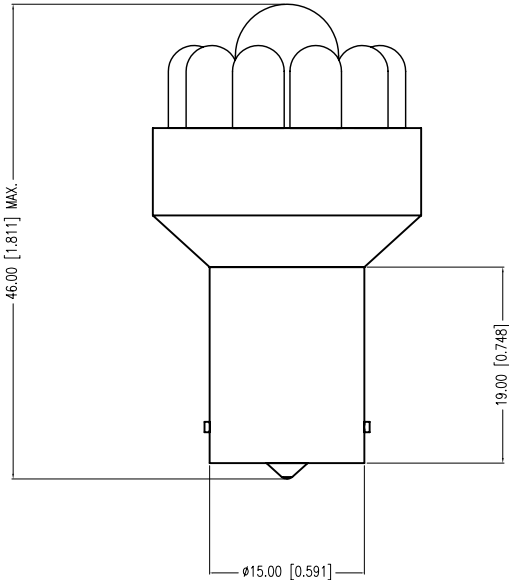
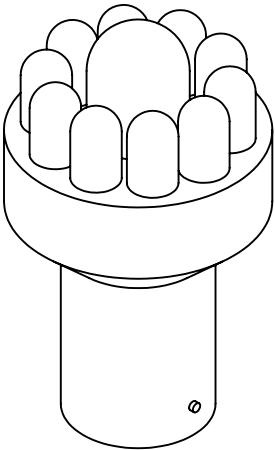
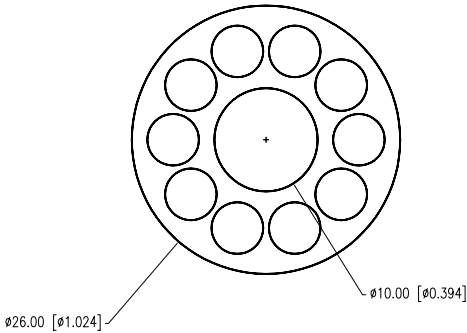


PART NUMBER	SSP-1156B156U12	REV.	D
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
2.26.03	E.C.N. #10956.		A
8.19.03	E.C.N. #11025.		B
11.5.03	E.C.N. #11050.		C
07.22.11	E.C.N. #11741.		D



ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^{\circ}\text{C}$ $V_f=12\text{V}$					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		626		nm	
FORWARD VOLTAGE		12.0	14.0	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_f=100\mu\text{A}$
AXIAL INTENSITY		47000		mcd	$I_f=20\text{mA}$
VIEWING ANGLE		30		2x theta	
EMITTED COLOR:	RED				
EPOXY LENS FINISH:	WATER CLEAR LENS				

LIMITS OF SAFE OPERATION AT 25°C PER MODULE		
PARAMETER	MAX	UNITS
PEAK FORWARD VOLTAGE	14	mA
STEADY CURRENT	110	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	-1.2	$\text{mW}/^{\circ}\text{C}$
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.

Mouser Electronics

Authorized Distributor

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