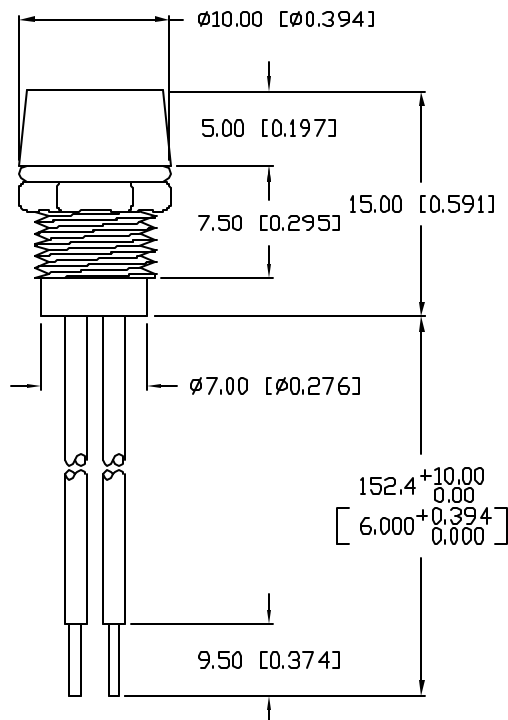
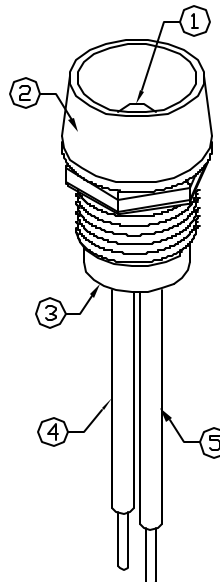


UNCONTROLLED DOCUMENT

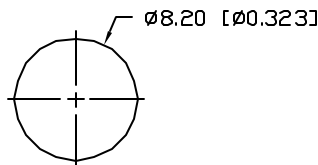


## NOTES:

1. SSL-LX5063ID-12V, RED LED. TRIM LEADS TO 5mm.
2. SSI-LXR4815, CHROME HOUSING.
3. SSH-LXH4815BSC, BLACK NYLON BUSHING. (NOT SEEN)
4. ANODE LEAD: LXP-WST24RDTQC, RED INSULATION, 160mm LONG, STRIP 2mm & 9.5mm.
5. CATHODE LEAD: LXP-WST24BLTQC, BLACK INSULATION, 160mm LONG, STRIP 2mm & 9.5mm.



## PANEL CUTOUT

PART NUMBER  
SSI-LXR4815ID12V15REV.  
A

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #10BRDR. & REDRAWN IN 3D.	1.10.02

ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^{\circ}\text{C}$ $V_f=12\text{V}$					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635		nm	
FORWARD VOLTAGE		12.0	14.0	$V_f$	
REVERSE VOLTAGE	5.0			$V_r$	$I_r=100\mu\text{A}$
AXIAL INTENSITY		20		mcd	$V_f=12\text{V}$
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	RED				
EPOXY LENS FINISH:	RED DIFFUSED				

LIMITS OF SAFE OPERATION AT  $25^{\circ}\text{C}$ 

PARAMETER	MAX	UNITS
PEAK FORWARD VOLTAGE	14	V
STEADY CURRENT	12	mA
POWER DISSIPATION	310	mW
DERATE FROM $25^{\circ}\text{C}$	-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), 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.=<sup>+DECIMAL PRECISION</sup>-0.00 MAX.=<sup>+0.00</sup>-DECIMAL PRECISION

REV.

A

PART NUMBER

SSI-LXR4815ID12V15

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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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A

T-5mm 635nm RED LED PANEL INDICATOR LED,  
RED DIFFUSED LENS, WITH 6" WIRE LEADS, 12 VOLTS.

DRAWN BY:

BC

CHECKED BY:

APPROVED BY:

DATE: 10.26.00

PAGE: 1 OF 1

SCALE: N/A

# Mouser Electronics

Authorized Distributor

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