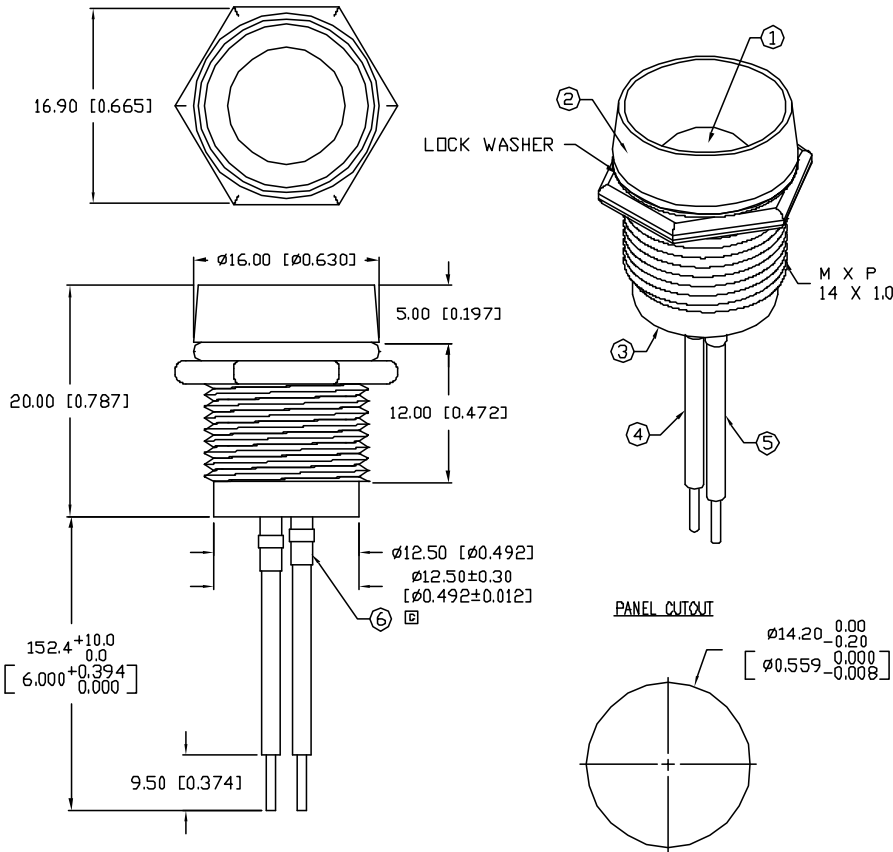


UNCONTROLLED DOCUMENT



PART NUMBER		REV.
SSI-LXR4915SGD1215		E
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #10BRDR. & REDRAWN IN 3D.	1.2.02
B	E.C.N. #10857.	4.25.02
C	E.C.N. #10907.	9.17.02
D	E.C.N. #10919.	10.22.02
E	E.C.N. #10920.	10.25.02

ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^{\circ}\text{C}$ $V_f=12\text{V}$					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565		nm	
FORWARD VOLTAGE		12.0	14.0	$V_f$	
REVERSE VOLTAGE	5.0			$V_r$	$I_f=100\mu\text{A}$
AXIAL INTENSITY		20		mcd	$V_f=12\text{V}$
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	GREEN				
EPOXY LENS FINISH:	GREEN DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C		
PARAMETER	MAX	UNITS
PEAK FORWARD VOLTAGE	14	V
STEADY CURRENT	10	mA
POWER DISSIPATION	310	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING, STORAGE TEMP.	-40 TO +85	°C

- NOTES:
1. SSL-LX100133SGD12V, GREEN LED UN CUT LEADS.
  2. SSI-LXR4915, CHROME HOUSING.
  3. NEOPRENE RUBBER BUSHING.
  4. ANODE LEAD: LXP-WST22RDTQC, 22 AWG STRANDED, RED INSULATION, CUT 142mm LONG, STRIP 3mm & 9.5mm.
  5. CATHODE LEAD: LXP-WST22BLTQC, 22 AWG STRANDED, BLACK INSULATION, CUT 142mm, STRIP 3mm & 9.5mm.
  6. LXP-HEATSHRINK-2; 1/16" X 37mm (2 PCS.)
  7. LED IS SECURED INSIDE HOLDER WITH UV GLUE. THEN, INSERT BUSHING.

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\*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.= +0.00 -DECIMAL PRECISION

REV.	PART NUMBER
E	SSI-LXR4915SGD1215
10mm, 565nm SUPER GREEN LED PANEL INDICATOR, GREEN DIFFUSED LENS, 6" WIRE LEADS, 12 VOLTS.	

**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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