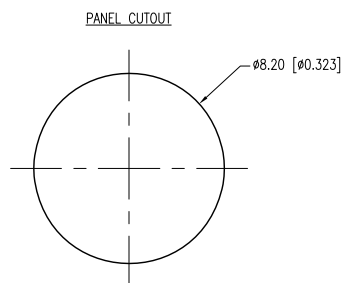
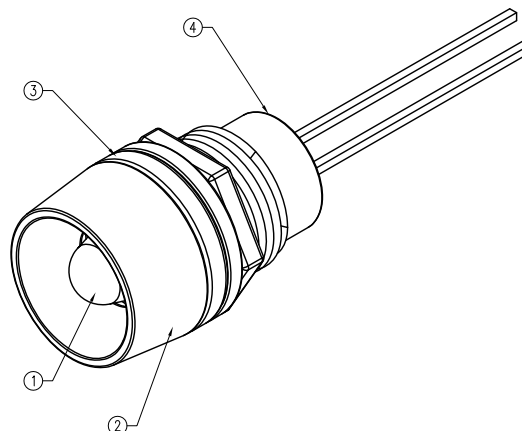
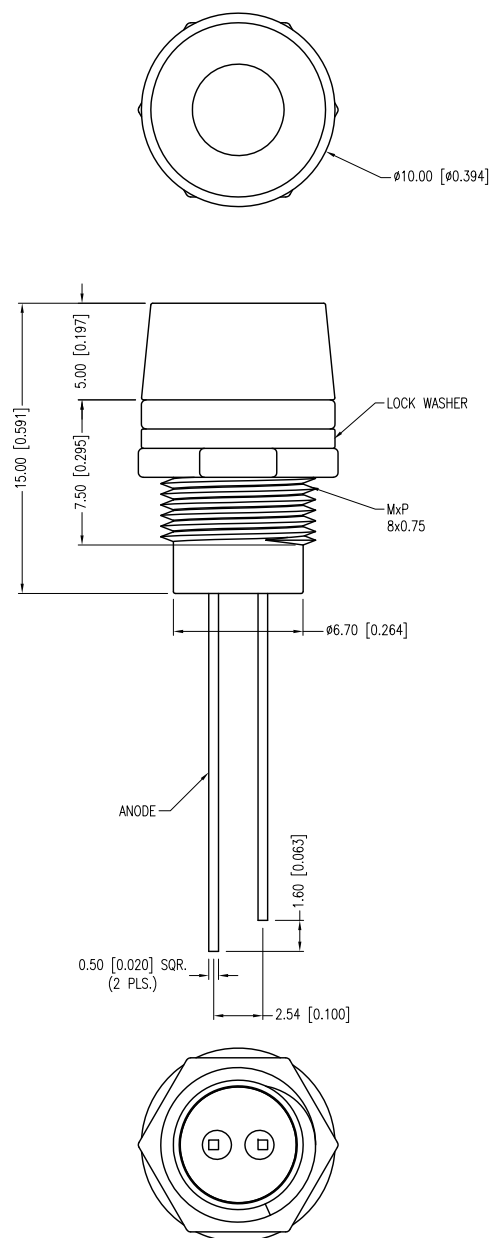


PART NUMBER	SSI-LXR4815GD12VWR	REV.	A
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
05.15.12	E.C.N. #10BRDR. & REDRAWN.		A

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	Vf	
REVERSE VOLTAGE	5.0			Vr	Ir=100 $\mu$ A
AXIAL INTENSITY		20		mcd	Vf=12V
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	GREEN				
LENS FINISH:	GREEN DIFFUSED				

## LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT	14	V
STEADY CURRENT	12	mA
POWER DISSIPATION	310	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING TEMP.	-40 TO +85	°C
STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY	3	SEC.

## NOTES:

- SSL-LX5063GD-12V, GREEN LED.
- SSI-LXR4815, CHROME HOUSING.
- LXP-WA-3816, RUBBER GASKET.
- SSH-LXH4815BSC, BLACK NYLON BUSHING. (NOT SEEN)
- THREAD LEADS THROUGH BUSHING, INSERT INTO HOUSING, BACKFILL WITH SILICON ADHESIVE, INSERT BUSHING INTO HOUSING, CRIMP INTO PLACE.
- WATER RESISTANT PER NEMA STANDARD 250, SECTION 6.7.

\*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> <sub>-0.00</sub> MAX= <sup>+0.00</sup> <sub>-DECIMAL PRECISION</sub>

UNCONTROLLED DOCUMENT



290 E. HELEN ROAD  
PALATINE, IL 60067-6976  
PHONE: +1.847.359.2790  
FAX: +1.847.359.6538  
WEB: WWW.LUMEX.COM  
MEMBER OF ITW PHOTONICS GROUP

T-5mm 565nm GREEN PANEL INDICATOR LED, GREEN DIFFUSED LENS, SPLASH RESISTANT, 12V.

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

CONFIDENTIAL INFORMATION  
THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF LUMEX INC. EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY LUMEX INC., THE HOLDER OF THIS DOCUMENT SHALL KEEP ALL INFORMATION CONTAINED HEREIN CONFIDENTIAL AND SHALL PROTECT SAME IN WHOLE OR IN PART FROM DISCLOSURE AND DISSEMINATION TO ALL THIRD PARTIES.

DATE:	05.15.12	DRAWN BY:	AB
PAGE:	1 OF 1	CHKD BY:	JD
SCALE:	NTS	APRVD BY:	JD
UNIT:	mm [INCH]		Ⓢ

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Lumex:

[SSI-LXR4815GD12VWR](#)