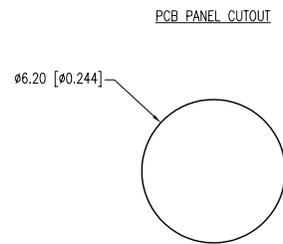
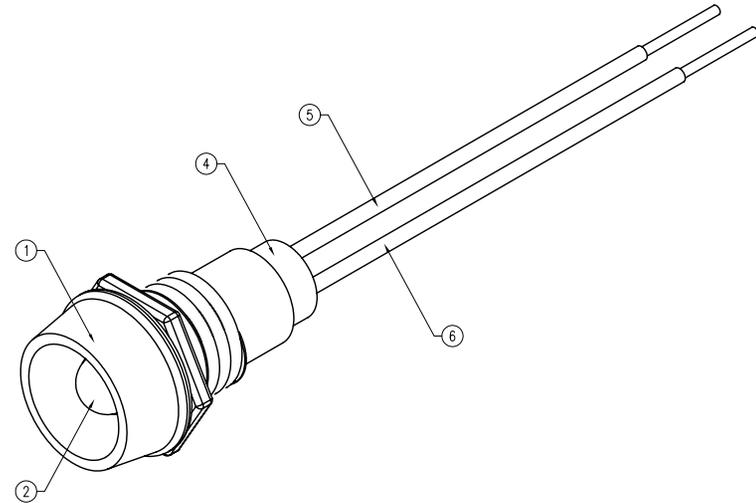
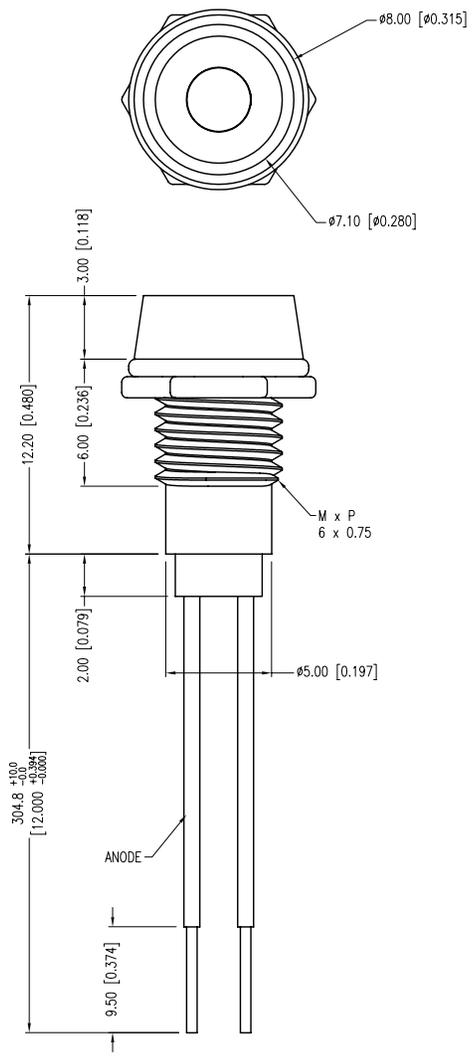


PART NUMBER	SSI-LXR1612GD5V300	REV.	B
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
10.17.01	E.C.N. #10BRDR. & REDRAWN IN 3D.		A
07.14.11	E.C.N. #10BRDR. & REDRAWN.		B



ELECTRO-OPTICAL CHARACTERISTICS $T_a=25^{\circ}\text{C}$ $V_f=5\text{V}$

PARAMETER	MIN	TYP	MAX	UNITS	UNITS
PEAK WAVELENGTH		565		nm	
FORWARD VOLTAGE		5.0	7.0	Vf	
REVERSE VOLTAGE	5.0			Vr	$I_r=100\mu\text{A}$
AXIAL INTENSITY		20		mcd	$V_f=5\text{V}$
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	7.0	V
STEADY CURRENT	10	mA
POWER DISSIPATION	310	mW
DERATE FROM 25°C	-1.6	mW/°C
OPERATING TEMP.	-40 TO +85	°C
STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY	3	SEC. MAX.

- NOTES:
- SSI-LXR1612, CHROME HOUSING.
 - SSL-LX3054GD-5V, GREEN LED. TRIM LEADS TO 5mm.
 - SOLDER WIRE LEADS TO LEAD LEADS.
 - SSH-LXH1612BSG, BUSHING, INSERT AND CRIMP.
 - ANODE LEAD: LXP-WST26RDT0C, 26 AWG, TINNED OVERCOAT, RED INSULATION. CUT 310mm LONG, STRIP END 2mm & 9.5mm.
 - CATHODE LEAD: LXP-WST26BLT0C, 26 AWG, TINNED OVERCOAT, BLACK INSULATION. CUT 310mm LONG, STRIP END 2mm & 9.5mm.

*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.= ^{+DECIMAL PRECISION} _{-0.00} MAX.= ^{+0.00} _{-DECIMAL PRECISION}

LUMEX
 Creating LED and LCD Solutions Together™
 290 E. HELEN ROAD
 PALATINE, IL 60067-6976
 PHONE: +1.847.359.2790
 FAX: +1.847.359.6538
 WEB: WWW.LUMEX.COM

T-3mm (T-1) 565nm GREEN LED PANEL INDICATOR, GREEN DIFFUSED LENS, 12" WIRE LEADS, 5V OPERATION.
 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:	07.14.11	DRAWN BY:	AB
PAGE:	1 OF 1	CHKD BY:	SS
SCALE:	NTS	APRVD BY:	KF
UNIT:	mm [INCH]		Ⓟ

Mouser Electronics

Authorized Distributor

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

Lumex:

[SSI-LXR1612GD5V300](#)