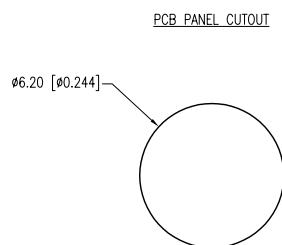
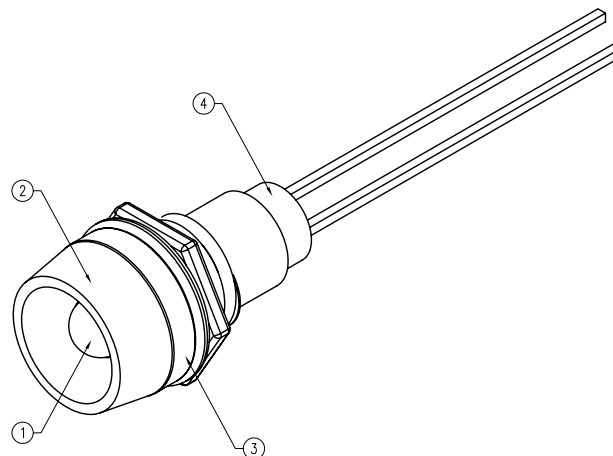
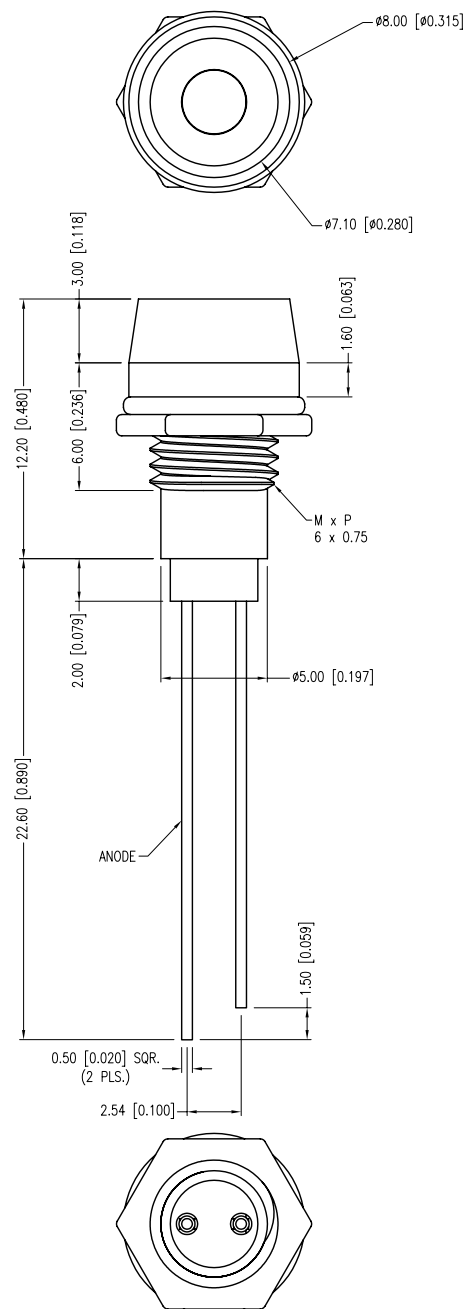


PART NUMBER	SSI-LXR1612YD-WRB	REV.	A
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
07.14.11	E.C.N. #10BRDR. & REDRAWN.		A



ELECTRO-OPTICAL CHARACTERISTICS $T_a=25^\circ\text{C}$			$I_f=20\text{mA}$		
PARAMETER	MIN	TYP	MAX	UNITS	UNITS
PEAK WAVELENGTH		585		nm	
FORWARD VOLTAGE		2.1	2.5	V _f	
REVERSE VOLTAGE	5.0			V _r	$I_r=100\mu\text{A}$
AXIAL INTENSITY		30		mcd	$I_f=20\text{mA}$
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	YELLOW				
EPOXY LENS FINISH:	YELLOW DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	-1.6	mW/°C
OPERATING TEMP.	-40 TO +85	°C
STORAGE TEMP.	-40 TO +85	°C
* $t < 10\mu\text{s}$		

NOTES:

1. SSL-LX3054YD, LED.
2. SSI-LXR1612-B, BLACK ANOZIDED HOUSING.
3. LXP-WA-3612, RUBBER GASKET.
4. SSH-LXH1612BSG, BUSHING, INSERT AND CRIMP.
5. ASSEMBLE IN ORDER: LED, SILICON, THEN BUSHING.
6. WATER RESISTANT PER NEMA STANDARD 250 SECT. 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.= ^{+DECIMAL PRECISION}_{-0.00} MAX.= ^{+0.00}_{-DECIMAL PRECISION}

UNCONTROLLED DOCUMENT

 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) 585nm YELLOW PANEL INDICATOR, YELLOW DIFFUSED, WATER RESISTANT, BLACK ANOZIDED HOUSING. **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: KF
		SCALE: NTS	APRVD BY: SS
		UNIT: mm [INCH]	Ⓟ