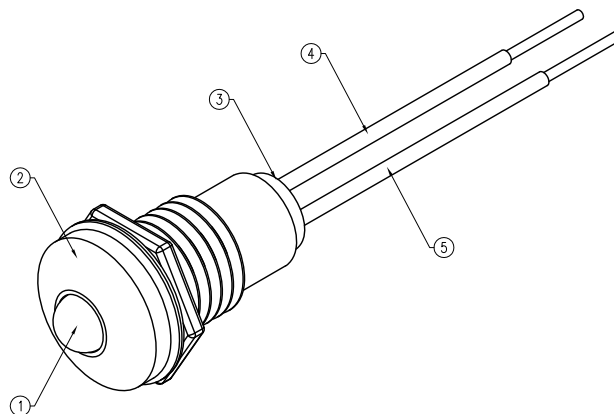
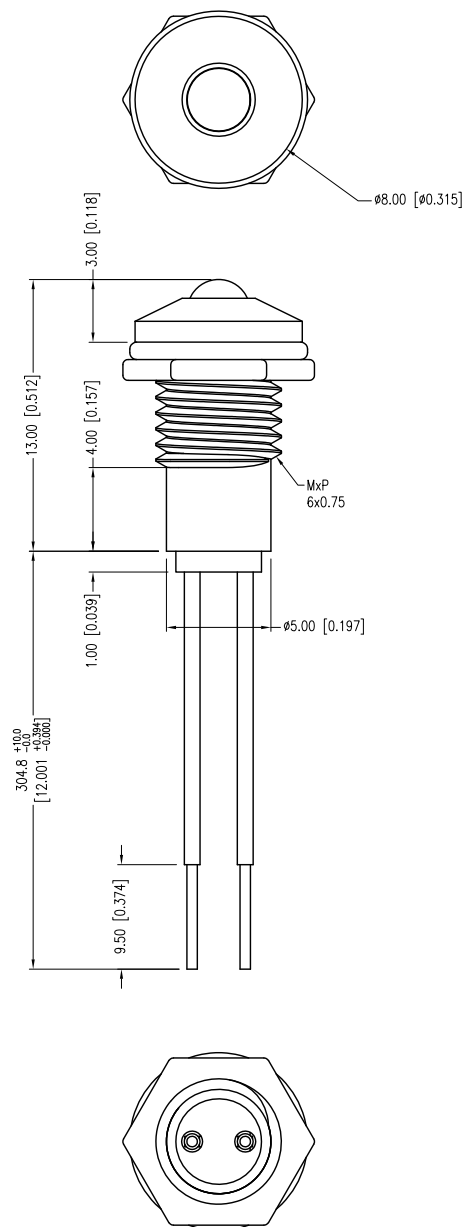
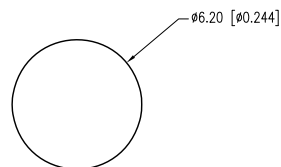


PART NUMBER	SSI-LXR3612YD-300	REV.	B
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
10.30.01	E.C.N. #10BRDR. & REDRAWN IN 3D.		A
7.14.11	E.C.N. #10BRDR. & REDRAWN.		B



PANEL CUTOUT



ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C			If=20mA	
PARAMETER	MIN	TYP	MAX	UNITS
PEAK WAVELENGTH		585		nm
FORWARD VOLTAGE		2.1	2.5	Vf
REVERSE VOLTAGE	5.0			Vr
AXIAL INTENSITY		30		mcd
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 (R/G)	30	mA
POWER DISSIPATION	100	mW
DERATE FROM 25°C	-1.6	mW/°C
OPERATING TEMP.	-40 TO +85	°C
STORAGE TEMP.	-40 TO +85	°C

* t<10μS

NOTES:

1. SSL-LX3054YD, YELLOW LED, TRIM LEADS TO 5mm.
2. SSI-LXR3612 HOLDER, CHROME FINISH.
3. SSH-LXH1612BSC, BUSHING. INSERT AND CRIMP.
4. ANODE LEAD: LXP-WST26RDT0C, 26 AWG. STRANDED, RED INSULATION, CUT TO 310mm LONG, STRIP ENDS 2mm AND 9.5mm.
5. CATHODE LEAD: LXP-WST26BLT0C, 26 AWG. STRANDED, BLACK INSULATION, CUT TO 310mm LONG, STRIP ENDS 2mm AND 9.5mm.
6. SOLDER LED LEADS TO WIRE LEADS.

*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 LENS, 12" WIRE LEADS.

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

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DATE:	07.14.11	DRAWN BY:	AB
PAGE:	1 OF 1	CHKD BY:	KF
SCALE:	NTS	APRVD BY:	KF
UNIT:	mm [INCH]		Ⓟ

Mouser Electronics

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