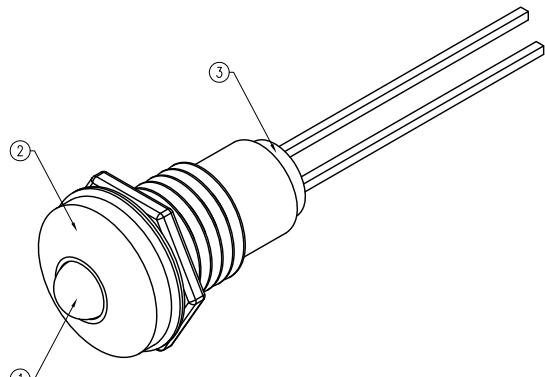
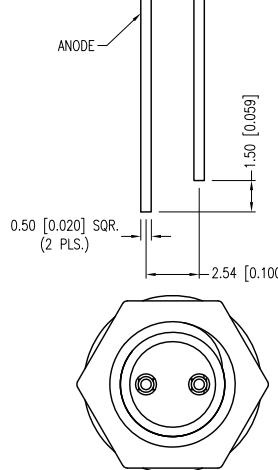
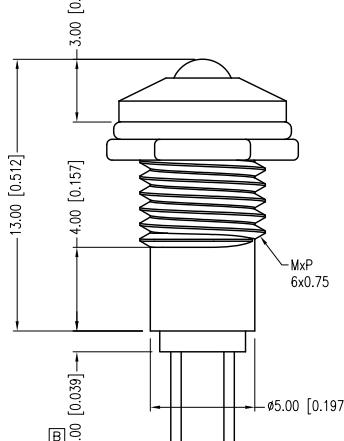
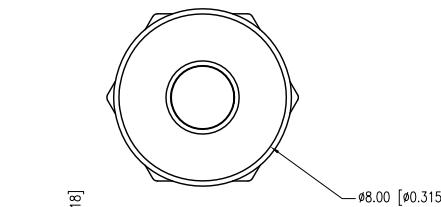
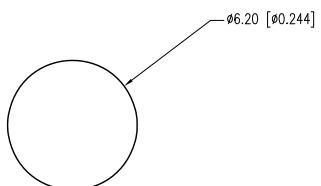


PART NUMBER	SSI-LXR3612YD	REV.	D
DATE	E.C.N. NUMBER AND REVISION COMMENTS	REV.	
09.19.94	UPDATED SAFE OPER. SPECS & NOTES.	A	
05.16.95	UPDATED DWG. WITH BUSHING.	B	
10.30.01	E.C.N. #10BRDR. & REDRAWN IN 3D.	C	
7.14.11	E.C.N. #10BRDR. & REDRAWN.	D	



PANEL CUTOUT



ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=20mA					
PARAMETER	MIN	TYP	MAX	UNITS	UNITS
PEAK WAVELENGTH	585			nm	
FORWARD VOLTAGE		2.1	2.5	Vf	
REVERSE VOLTAGE	5.0			Vr	
AXIAL INTENSITY		30		mcd	Ir=100µA
VIEWING ANGLE	60			2x theta	If=20mA
EMITTED COLOR:	YELLOW				
EOXY LENS FINISH:	YELLOW DIFFUSED				

[A] 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

[A] NOTES:

1. SSL-LX3054YD, YELLOW LED.
2. SSI-LXR3612, CHROME HOUSING.
3. SSH-LXH1612BSC, BUSHING, INSERT AND CRIMP.

*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 MAX.= +0.00
MIN= -0.00 MAX= +0.00

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