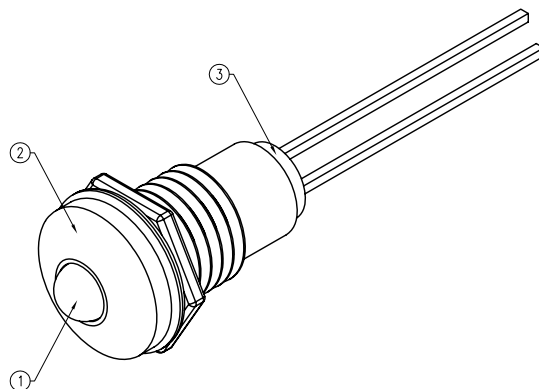
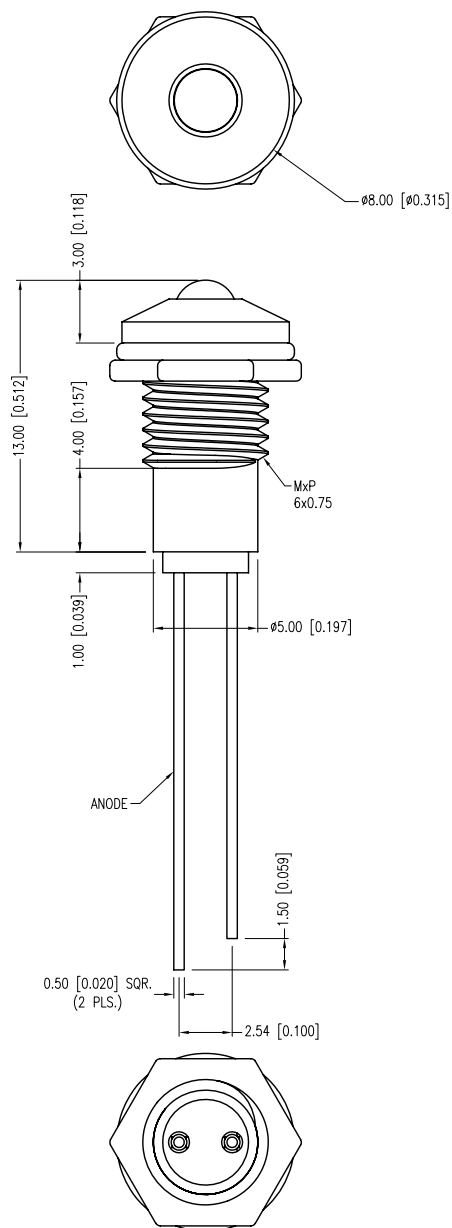
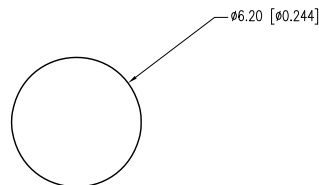


PART NUMBER	SSI-LXR3612ID-5V	REV.	C
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
05.16.95	UPDATED DRAWING WITH BUSHING.		A
10.30.01	E.C.N. #10BRDR. & REDRAWN IN 3D.		B
7.14.11	E.C.N. #10BRDR. & REDRAWN.		C



PANEL CUTOUT



ELECTRO-OPTICAL CHARACTERISTICS $T_a=25^\circ\text{C}$			$V_f=5\text{V}$		
PARAMETER	MIN	TYP	MAX	UNITS	UNITS
PEAK WAVELENGTH		635		nm	
FORWARD VOLTAGE		5.0	7.0	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_r=100\mu\text{A}$
AXIAL INTENSITY		10		mcd	$V_f=5\text{V}$
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	RED				
EPOXY LENS FINISH:	RED DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD VOLTAGE	7.0	V
STEADY CURRENT	12	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	-1.6	mW/ $^\circ\text{C}$
OPERATING TEMP.	-40 TO +85	$^\circ\text{C}$
STORAGE TEMP.	-40 TO +85	$^\circ\text{C}$
SOLDERING TEMP.	+260	$^\circ\text{C}$
2.0mm FROM BODY	3	SEC. MAX.

NOTES:

1. SSL-LX3054ID-5V, RED LED.
2. SSI-LXR3612, CHROME HOUSING.
3. SSH-LXH1612BSG, BUSHING, INSERT AND CRIMP.

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: $X=\pm 1$ (± 0.039), $X.X=\pm 0.5$ (± 0.020), $X.XX=\pm 0.25$ (± 0.010), $X.XXX=\pm 0.127$ (± 0.005). LEAD SIZE= ± 0.05 (± 0.002), LEAD LENGTH= ± 0.75 (± 0.030). MIN= $^{+0.00}_{-0.00}$ DECIMAL PRECISION MAX.= $^{+0.00}_{-0.00}$ DECIMAL PRECISION

UNCONTROLLED DOCUMENT

T-3mm (T-1) 635nm RED PANEL INDICATOR, RED DIFFUSED LENS, 5V OPERATION.

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]		(P)

Mouser Electronics

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