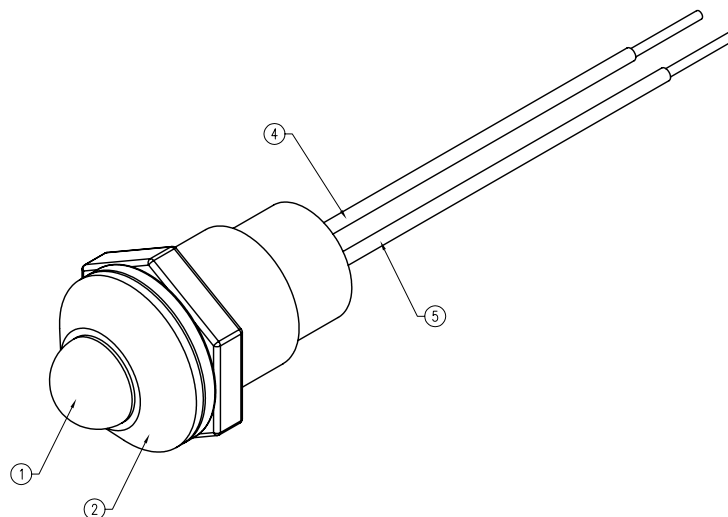
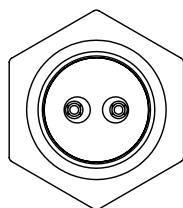
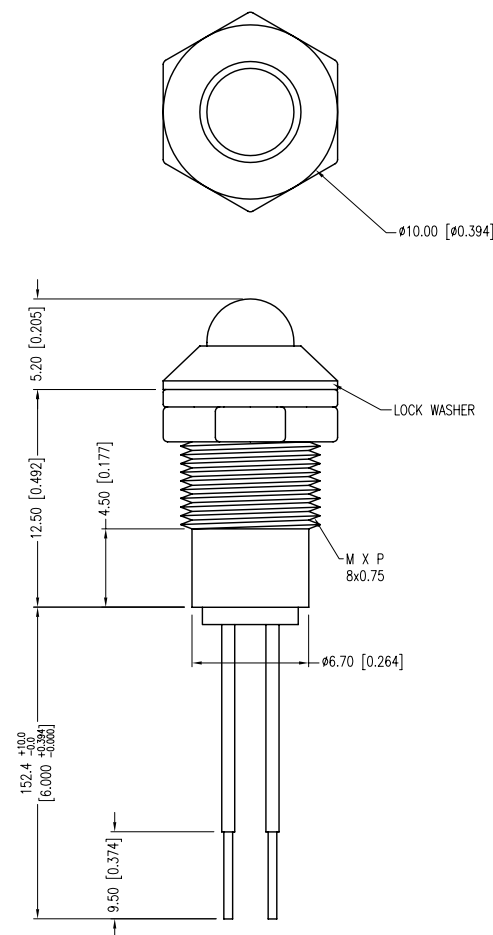
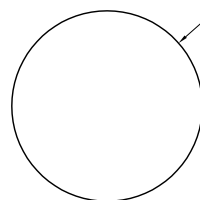


PART NUMBER	SSI-LXR3816HGWB150	REV.	A
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
09.13.11	E.C.N. #10BRDR. & REDRAWN.		A



PANEL CUTOUT



## ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=20mA

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH (R/G)		700/565		nm	
FORWARD VOLTAGE (R/G)		2.0/2.2	2.5/2.6	Vf	
REVERSE VOLTAGE	5.0			Vr	Ir=100μA
AXIAL INTENSITY		6/25		mcd	If=20mA
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	RED/GREEN				
LENS FINISH:	MILKY WHITE DIFFUSED				

## LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	25	mA
POWER DISSIPATION (R/G)	105/120	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING TEMP.	-40 TO +85	°C
STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY	3	SEC.

\* t&lt;10μs

## NOTES:

1. SSL-LX5093HCW, RED/GREEN LED. TRIM LEADS TO 4mm.
2. SSI-LXR3816-B, BLACK HOUSING.
3. SSH-LXH4815BSG, BUSHING (NOT SHOWN). INSERT AND CRIMP.
4. RED ANODE LEAD: LXP-WST24RDT0C, 24 AWG., TINNED OVERCOAT, RED INSULATION. CUT 160mm LONG, STRIP BOTH ENDS 3mm & 9.5mm.
5. GREEN ANODE LEAD: LXP-WST24BLT0C, 24 AWG., TINNED OVERCOAT, BLACK INSULATION. CUT 160mm LONG, STRIP BOTH ENDS 3mm & 9.5mm.
6. CRIMP WIRES TO LED 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 DECIMAL PRECISION MAX.= +0.00 DECIMAL PRECISION -0.00 DECIMAL PRECISION

UNCONTROLLED DOCUMENT



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T-5mm RED/GREEN LED PANEL INDICATOR, MILKY WHITE DIFFUSED LENS, 6.0" WIRE LEADS, BLACK HOUSING.

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

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DATE:	09.13.11	DRAWN BY:	AB
PAGE:	1 OF 1	CHKD BY:	JD
SCALE:	NTS	APRVD BY:	KF
UNIT:	mm [INCH]		Ⓢ

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