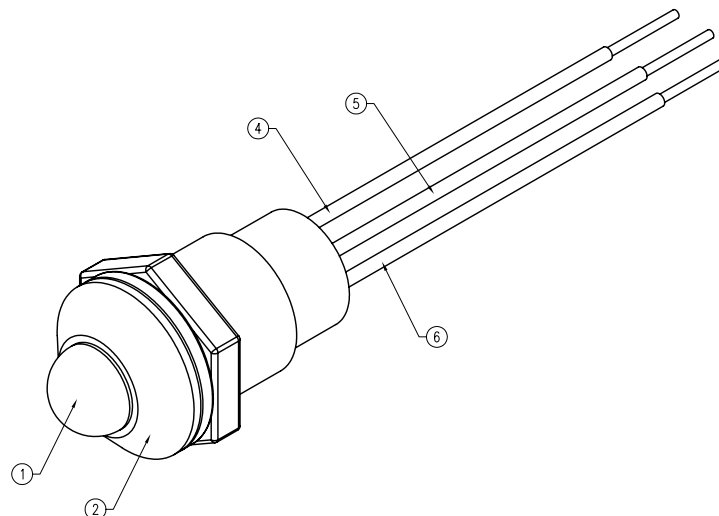
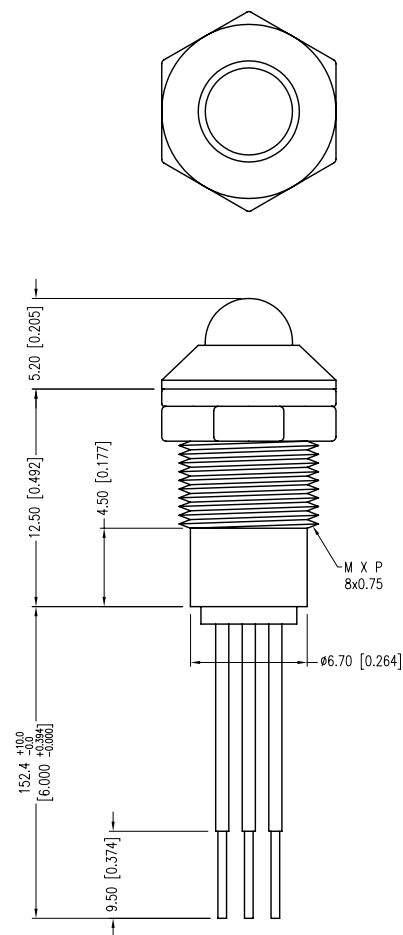


PART NUMBER	SSI-LXR3816IGW3150	REV.	A
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
04.25.08	E.C.N. #11500.		A
03.05.12	E.C.N. #10BRDR. & REDRAWN.		B

ELECTRO-OPTICAL CHARACTERISTICS $T_a=25^\circ\text{C}$ $I_f=20\text{mA}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH (R/G)		635/565		nm	
FORWARD VOLTAGE (R/G)		2.0/2.2	2.5/2.6	Vf	
REVERSE VOLTAGE	5.0			Vr	$I_r=100\mu\text{A}$
AXIAL INTENSITY		25		md	$I_f=20\text{mA}$
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 (R/G)	30/25	mA
POWER DISSIPATION (R/G)	120/105	mW
DERATE FROM 25°C	-1.2	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.

* $t \leq 10\mu\text{s}$

NOTES:

1. SSL-LX5099IGW, RED/GREEN LED. TRIM LEADS TO 7mm.
2. SSI-LXR3816, CHROME HOUSING.
3. SSH-LXH4815BSG-3, BUSHING.
4. RED ANODE: LXP-WST24RDT0C, 24 AWG. TINNED OVERCOAT, RED INSULATION, CUT 160mm LONG, STRIP 3.18mm AND 9.5mm.
5. COMMON CATHODE: LXP-WST24BLT0C, 24 AWG. TINNED OVERCOAT, BLACK INSULATION, CUT 160mm LONG, STRIP 3.18mm AND 9.5mm.
6. GREEN ANODE: LXP-WST24GRT0C, 24 AWG. TINNED OVERCOAT, GREEN INSULATION, CUT 160mm LONG, STRIP 3.18mm AND 9.5mm.
7. NO EXPOSED WIRE ALLOWED BEYOND END OF BUSHING.

PANEL CUTOUT

 $\phi 8.20$ [$\phi 0.323$]

*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.= $^{+0.00}_{-0.00}$ DECIMAL PRECISION MAX.= $^{+0.00}_{-0.00}$ DECIMAL PRECISION

UNCONTROLLED DOCUMENT



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T-5mm RED/GREEN LED PANEL INDICATOR, 3 LEAD, COMMON CATHODE, WHITE DIFFUSED, 6.0" WIRE LEADS.

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

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DATE:	03.05.12	DRAWN BY:	AB
PAGE:	1 OF 1	CHKD BY:	KF
SCALE:	NTS	APRVD BY:	KF
UNIT:	mm [INCH]		(P)