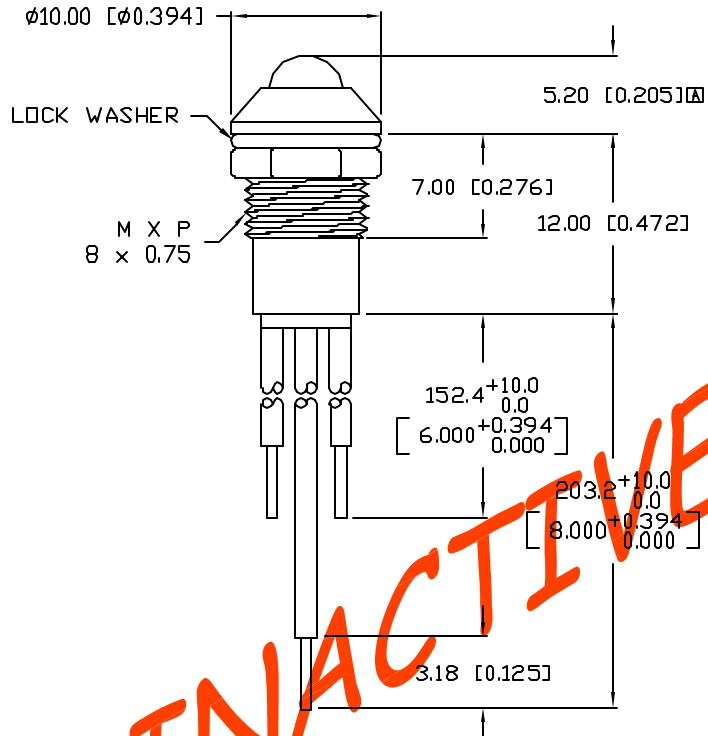
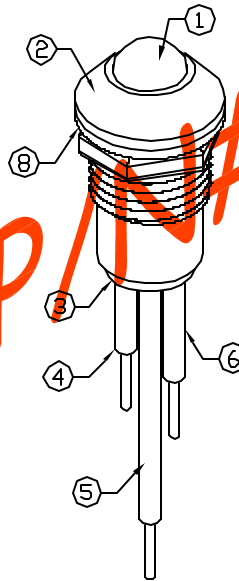


UNCONTROLLED DOCUMENT



NOTES:

1. SSL-LX5099HGW, RED/GREEN LED. TRIM LEADS TO 7mm.
2. SSI-LXR3816-B, BLACK ANODIZED HOUSING.
3. SSH-LXH4815BSC-3, BUSHING.
4. RED ANODE: LXP-WST24WHTOC, 24 AWG. TINNED OVERCOAT, WHITE INSULATION, CUT 160mm LONG, STRIP 3.18mm AND 3.18mm.
5. COMMON CATHODE: LXP-WST24PRTOC, 24 AWG. TINNED OVERCOAT, PURPLE INSULATION, CUT 210mm LONG, STRIP 3.18mm AND 3.18mm.
6. GREEN ANODE: LXP-WST24GYTOC, 24 AWG. TINNED OVERCOAT, GREY INSULATION, CUT 160mm LONG, STRIP 3.18mm AND 3.18mm.
7. NO EXPOSED WIRE ALLOWED BEYOND END OF BUSHING.
8. LXP-WAS855-20, INTERNAL TOOTH LOCKWASHER.



PANEL CUTOUT



PART NUMBER		REV.
SSI-LXR3816HGW3901		A
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #10810. & REDRAWN IN 3D.	11.12.01

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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		700 (RED)		nm	
		565 (GREEN)		nm	
FORWARD VOLTAGE (R/G)		2.0/2.2	2.5/2.6	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_f=100\mu\text{A}$
AXIAL INTENSITY (R/G)		4/15		mcd	$I_f=20\text{mA}$
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	RED/GREEN				
EPOXY LENS FINISH:	MILKY WHITE DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*		150	mA
STEADY CURRENT		25	mA
POWER DISSIPATION	(R/G)	120/105	mW
DERATE FROM 25°C		-1.2	mW/ $^\circ\text{C}$
OPERATING, STORAGE TEMP.		-40 TO +85	$^\circ\text{C}$

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

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), XX=±0.5 (±0.020), XXX=±0.25 (±0.010), XXXX=±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}

REV.

A

PART NUMBER

SSI-LXR3816HGW3901

T-5mm RED/GREEN LED PANEL INDICATOR,
MILKY WHITE DIFFUSED LENS, COMMON CATHODE.

CONFIDENTIAL INFORMATION

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RELIABILITY NOTE

OUR MANY YEARS OF EXPERIENCE DATA ACCUMULATION INDICATE THAT SOLDER HEAT IS A MAJOR CAUSE OF EARLY AND FUTURE FAILURE. PLEASE PAY ATTENTION TO YOUR SOLDERING PROCESS.



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DATE: 11.12.98

PAGE: 1 OF 1

SCALE: N/A