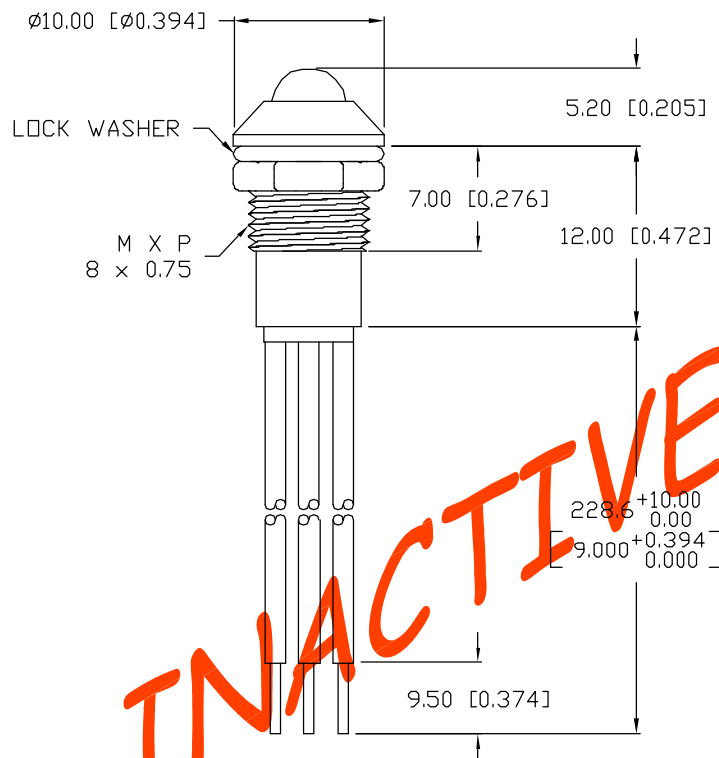
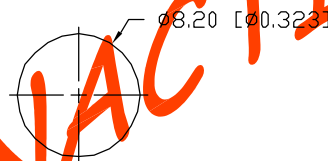


NOTES:

1. SSL-LX5099HGW, RED/GREEN LED. TRIM LEADS TO 7mm.
2. SSI-LXR3816-B, BLACK ANODIZED HOUSING.
3. SSH-LXH4815BSG-3, BUSHING.
4. RED ANODE: LXP-WST24RDT0C, 24 AWG. TINNED OVERCOAT, RED INSULATION, CUT 235mm LONG, STRIP 3.18mm AND 9.5mm.
5. COMMON CATHODE: LXP-WST24BLT0C, 24 AWG. TINNED OVERCOAT, BLACK INSULATION, CUT 235mm LONG, STRIP 3.18mm AND 9.5mm.
6. GREEN ANODE: LXP-WST24GRT0C, 24 AWG. TINNED OVERCOAT, GREEN INSULATION, CUT 235mm LONG, STRIP 3.18mm AND 9.5mm.
7. NO EXPOSED WIRE ALLOWED BEYOND END OF BUSHING.

PANEL CUTOUT

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	$I_r=100\mu\text{A}$
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	$^\circ\text{C}$
SOLDERING TEMP.		+260	$^\circ\text{C}$
2.0mm FROM BODY			3 SEC. MAX

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

*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 -0.00 -DECIMAL PRECISION

REV.

PART NUMBER

SSI-LXR3816HGW3B22

T-5mm RED/GREEN LED PANEL INDICATOR,
THREE LEADED, COMMON CATHODE.
MILKY WHITE DIFFUSED LENS, 9.0" WIRE LEADS.

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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CT

PAGE: 1 OF 1

SCALE: N/A