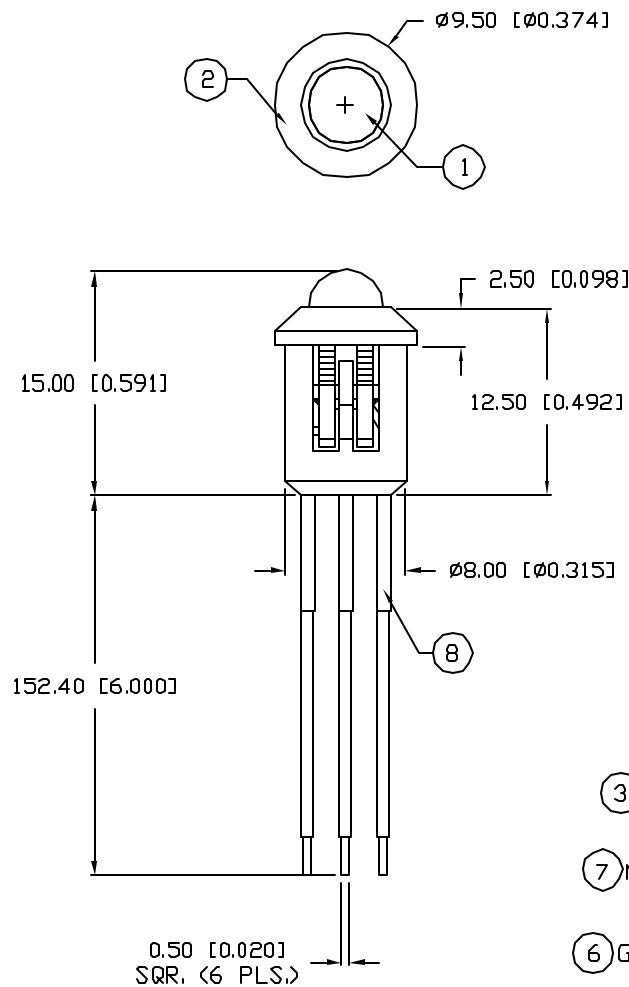
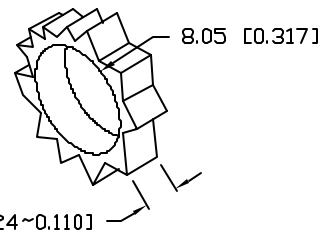


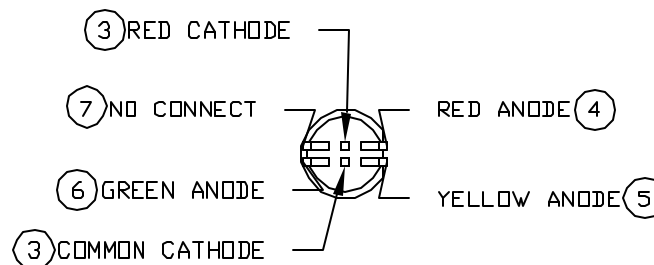
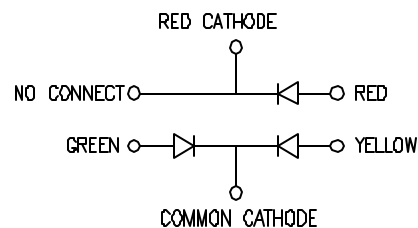
CAUTION: PRESSURE SENSITIVE ASSEMBLY
AVOID APPLYING PRESSURE TO LED
DURING PANEL ASSEMBLY.



PANEL CUTOUT



BOTTOM VIEW POLARITY

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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		636 (RED)		nm	
		574 (GREEN)		nm	
		590 (YELLOW)		nm	
FORWARD VOLTAGE (R)		1.9	2.5	V_f	
(G)		2.1	2.5	V_f	
(Y)		2.0	2.5	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_r=100\mu\text{A}$
AXIAL INTENSITY (R/G/Y)		800/450/500		mcd	$I_f=20\text{mA}$
VIEWING ANGLE		30		$2\times$ theta	
EMITTED COLOR:		RED/GREEN/YELLOW (MULTI-COLOR)			
EPOXY LENS FINISH:		WATER CLEAR			

LIMITS OF SAFE OPERATION AT 25°C PER CHIP

PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*	(R/G/Y)	185/150/150	mA
STEADY CURRENT	(R/G/Y)	30/25/30	mA
POWER DISSIPATION	(R/G/Y)	170/105/125	mW
DERATE FROM 25°C		-1.2	$\text{mW}/^{\circ}\text{C}$
OPERATING, STORAGE TEMP.		-40 TO +85	$^{\circ}\text{C}$
SOLDERING TEMP.		+260	$^{\circ}\text{C}$
2.0mm FROM BODY			3 SEC. MAX

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

NOTES:

- SSL-LX5099SISYUGC, RED/GREEN/YELLOW LED.
- SSH-RTF5010, BLACK HOLDER.
- RED/GREEN/YELLOW CATHODE, LXP-WST24BLT08 BLACK CUT 145mm (2 PCS.)
- RED ANODE, LXP-WST24RDT0C RED CUT 135mm
- YELLOW ANODE, LXP-WST24WHT0C, WHITE CUT 145mm
- GREEN ANODE, LXP-WST24GDT0C CUT 145mm
- CUT NO CONNECTION LEAD TO 5mm
- HEATSHRINK

*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 DECIMAL PRECISION MAX.= ± 0.00 DECIMAL PRECISION

REV.

PART NUMBER

SSI-R5010SISYUG15

T-5mm, AlInGaP RED/GREEN/YELLOW 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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SCALE: N/A