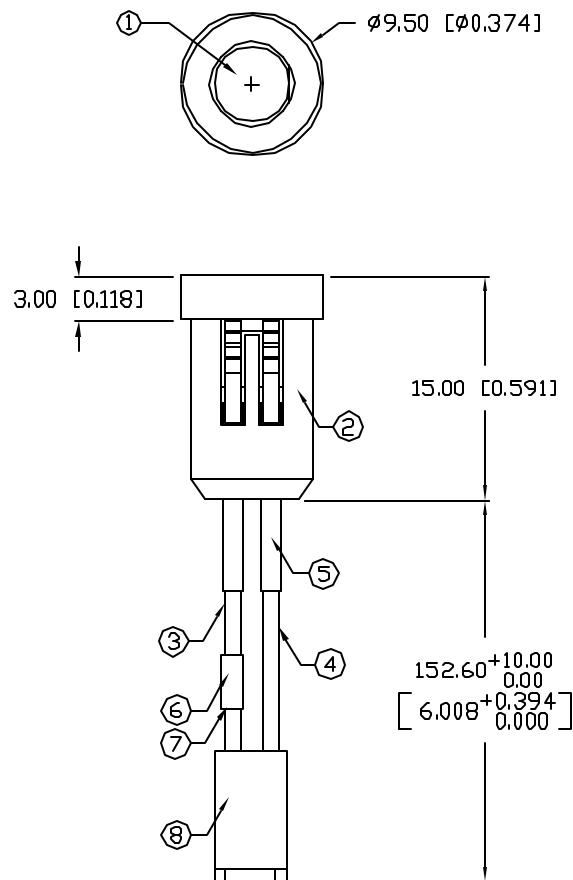




NOTES:

1. SSI-LX5093SISUGW LED, CUT LEADS TO 4mm.
2. SSH-RTF5020 HOLDER.
3. ANODE LEAD: LXP-WST24RDT0C CUT 45 & 90 LONG, STRIP 4mm BOTH ENDS.
4. CATHODE LEAD: LXP-WST24BLT0C CUT 160 LONG, STRIP 4MM BOTH ENDS.
5. LXP-HEATSHRINK-2, (2 PGS.) 1/16" x 1/2" LONG.
6. LXP-RES 220 1/2W, RESISTOR 220 1/2 WATT.
7. LXP-HEATSHRINK-4, 1/8"x37mm.
8. LXP-CONN22-01-3027, MOLEX CONNECTOR #22-01-3027.

*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=+0.00/-0.00, MAX.=+0.00/-0.00

PANEL CUTOUT: 8.05mm
PANEL THICKNESS: 0.6~2.8mm

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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		638 (RED)		nm	
		562 (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)		350/100		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 PER CHIP

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

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

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

T-5mm (T-1 3/4) ROUND PANEL INDICATOR LED,
565nm/574nm BI-COLOR LED, MILKY WHITE DIFFUSED LENS,
WITH 6" WIRE LEADS, MOLEX CONNECTOR.

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.



290 E. HELEN ROAD
PALATINE, IL 60067-6976
PHONE: +1.847.359.2790
US WEB: www.lumex.com
TW WEB: www.lumex.com.tw



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