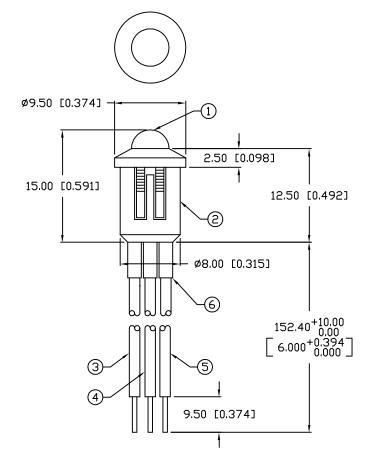
UNCONTROLLED DOCUMENT



NOTES:

- 1. SSL-LX5099AGW-CA, AMBER/GREEN BICOLOR LED. CUT LEADS TO 5mm.
- 2. SSH-RTF5010 HOLDER.
- 3. AMBER CATHODE: LXP-WST24RDTOC, CUT TO 155mm LONG, TRIM 3mm AND 9.5mm.
- 4. COMMON ANODE: LXP-WST24BLTOC, CUT TO 155mm LONG, TRIM 3mm AND 9.5mm.
- 5. GREEN CATHODE: LXP-WST24GDTOC, CUT TO 155mm LONG, TRIM 3mm AND 9.5mm.
- 6. LXP-HEATSHRINK-2 (3 PCS.) 1/16" x 1/12".

SC:0.50

PART NUMBER

SSI-LXR5010AGWCA15

PRELIMINARY IN P/N DIR

ELECTRO-OPTICAL CH	ARACTERISTICS TA	\=25°C	I _f =20)mA	
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH	605	(AMBER)		nm	
	565	(GREEN)		nm	
FORWARD VOLTAGE		2.1	2.8	V_{f}	
REVERSE VOLTAGE	5.0			V_r	I _r =100μΑ
AXIAL INTENSITY		20		mcd	If=20mA
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	AMBER/GREEN				
EPOXY LENS FINISH:	MILKY WHITE DI	FFUSED			

LIMITS OF SAFE OPERATION AT 25°C

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

^{*} t<10uS

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

UNCONTROLLED DOCUMENT

*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 (±0.002), LEAD LENGTH=±0.75 (±0.003). MIN=+DECIMAL PRECISION MAX.= +0.00 (±0.002), LEAD LENGTH=±0.75 (±0.003), MIN=+DECIMAL PRECISION MAX.= +0.00 (±0.002), MIN=+DECIMAL PRECISION MAX.= +0.00 (±0.002),

REV.

PART NUMBER

SSI-LXR5010AGWCA15

T-5mm (T-1 3-4) TRI-LEADED LED INDICATOR, WITH 6" LEADS, AMBEER/GREEN BICOLOR LED, MILKY WHITE DIFFUSED LENS, COMMON ANODE.

CONFIDENTIAL INFORMATION
THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF LUMEX INC. EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY LUMEX INC.. THE HOLDER OF THIS DOCUMENT SHALL KEEP ALL INFORMATION CONTAINED HEREIN CONFIDENTIAL AND SHALL PROTECT SAME IN WHOLE OR IN PART FROM DISCLOSURE AND DISSEMINATION TO ALL THIRD PARTIES.

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

DRAWN BY:

KS/CT

CHECKED BY: APPROVED BY: DATE:

1.9.01 PAGE: 1 OF 1 SCALE: N/A