



ELECTRO-OPTICAL CHARACTERISTICS $T_a=25^\circ\text{C}$ $I_f=5\text{V}$					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH (R/Y)		635/585		nm	
FORWARD VOLTAGE (R/Y)		5.0	7.0	Vf	
REVERSE VOLTAGE	5.0			Vr	$I_r=100\mu\text{A}$
AXIAL INTENSITY (R/Y)		20/15		mcad	$I_f=5\text{V}$
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	RED/YELLOW				
LENS FINISH:	MILKY WHITE DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C		
PARAMETER	MAX	UNITS
PEAK FORWARD VOLTAGE	7	V
STEADY CURRENT	12	mA
POWER DISSIPATION	310	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING TEMP.	-40 TO +85	°C
STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY	3	SEC.

NOTES:

- SSL-LX5099IYW-CASV, RED/YELLOW LED. TRIM LEADS TO 7mm.
- SSI-LXR3816-B, BLACK ANODIZED HOUSING.
- SSH-LXH4815BSC-3, BUSHING.
- RED CATHODE: LXP-WST24RDT0C, 24 AWG. TINNED OVERCOAT, RED INSULATION, CUT 924mm LONG, STRIP 3.18mm AND 9.5mm.
- COMMON ANODE: LXP-WST24BLT0C, 24 AWG. TINNED OVERCOAT, BLACK INSULATION, CUT 924mm LONG, STRIP 3.18mm AND 9.5mm.
- YELLOW CATHODE: LXP-WST24GRT0C, 24 AWG. TINNED OVERCOAT, GREEN INSULATION, CUT 924mm LONG, STRIP 3.18mm AND 9.5mm.
- NO EXPOSED WIRE ALLOWED BEYOND END OF BUSHING.

\*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=  $\begin{matrix} +\text{DECIMAL PRECISION} \\ -0.00 \end{matrix}$  MAX=  $\begin{matrix} +0.00 \\ -\text{DECIMAL PRECISION} \end{matrix}$

UNCONTROLLED DOCUMENT



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T-5mm 635/585nm RED/YELLOW LED PANEL INDICATOR, 3 36" WIRE LEADS, MILKY WHITE, 5V OPERATION.

\*\*THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.\*\*

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PAGE:	1 OF 1	CHKD BY:	KF
SCALE:	NTS	APRVD BY:	KF
UNIT:	mm [INCH]		Ⓟ