



ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$		$I_f=20\text{mA}$		UNITS	TEST COND
PARAMETER	MIN	TYP	MAX		
PEAK WAVELENGTH	636 (RED)			nm	
	574 (GREEN)			nm	
FORWARD VOLTAGE		2.0/2.2	2.5/2.6	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_r=100\mu\text{A}$
AXIAL INTENSITY		TBD		mcd	$I_f=20\text{mA}$
VIEWING ANGLE		60		$2\times \theta$	
EMITTED COLOR:	RED/GREEN				
EPOXY LENS FINISH:	MILKY WHITE DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C		PER DIE	UNITS
PARAMETER		MAX	
PEAK FORWARD CURRENT*		100	mA
STEADY CURRENT		30/25	mA
POWER DISSIPATION		90	mW
DERATE FROM 25°C		-1.6	mW/ $^\circ\text{C}$
OPERATING TEMP.		-40 TO +85	$^\circ\text{C}$
SOLDERING TEMP.		+260	$^\circ\text{C}$
2.0mm FROM BODY			3 SEC MAX.

NOTES:

1. SSL-LX306F4SISUGW, BICOLOR LED.
2. SSH-RM3091, BLACK RUBBER HOUSING.
3. RED ANODE LEAD: LXP-WST26ROTC, 26 AWG STRANDED, RED INSULATION, CUT 390mm LONG, STRIP 2mm & 9.5mm.
4. GREEN ANODE LEAD: LXP-WST26BLTC, 26 AWG STRANDED, BLACK INSULATION, CUT 390mm LONG, STRIP 2mm & 9.5mm.
5. CRIMP OR SOLDER WIRE LEADS TO LED LEADS.

CAUTION: STATIC SENSITIVE DEVICE
FOLLOW PROPER E.S.D. HANDLING PROCEDURES
WHEN WORKING WITH THIS PART.

*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} -0.00 MAX.= ^{+0.00} -DECIMAL PRECISION



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T-3mm RED/GREEN BICOLOR LED PANEL INDICATOR, MILKY WHITE DIFFUSED LENS, 15" WIRE LEADS.

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

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DATE: 07.30.10

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CHKD BY: BC

SCALE: N/A

APRVD BY: KF

UNIT: mm [INCH]

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