



ELECTRO-OPTICAL CHARACTERISTICS		T _a =25°C		I _f =20mA	
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565		nm	
FORWARD VOLTAGE		2.2	2.6	V _f	
REVERSE VOLTAGE	5.0			V _r	I _r =100μA
AXIAL INTENSITY		30		mcd	I _f =20mA
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	GREEN				
LENS FINISH:	GREEN DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C		MAX	UNITS
PARAMETER			
PEAK FORWARD CURRENT*		150	mA
STEADY CURRENT		25	mA
POWER DISSIPATION		105	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.

* t < 10μS

NOTES:

1. SSL-LX509F3GD LED.
2. SSH-LXH600 HOLDER, BLACK.
3. ANODE LEAD: LXP-WST24RDTC, 24 AWG STRANDED, TOP OVERCOAT, RED INSULATION, CUT 315mm LONG, STRIP 4mm ON ONE END.
4. CATHODE LEAD: LXP-WST24BLTC, 24 AWG STRANDED, TOP OVERCOAT, BLACK INSULATION, CUT 315mm LONG, STRIP 4mm ON ONE END.

*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}

UNCONTROLLED DOCUMENT

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T-5mm (T-1 3/4), PANEL MOUNT INDIC., 565nm GREEN, GREEN DIFFUSED, 12" WIRE LEADS, UNSTRIPPED ENDS.

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:	DT
SCALE:	NTS	APRVD BY:	DT
UNIT:	mm [INCH]		Ⓟ