



ELECTRO-OPTICAL CHARACTERISTICS		T <sub>A</sub> =25°C		I <sub>f</sub> =20mA	
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		700 (RED)		nm	
		565 (GREEN)		nm	
FORWARD VOLTAGE (R/G)		2.0/2.2	2.5/2.6	V <sub>f</sub>	
REVERSE VOLTAGE	5.0			V <sub>r</sub>	I <sub>r</sub> =100μA
AXIAL INTENSITY (R/G)		5/25		mcd	I <sub>f</sub> =20mA
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	RED/GREEN				
EPOXY LENS FINISH:	MILKY WHITE DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C			
PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*		150	mA
STEADY CURRENT		25	mA
POWER DISSIPATION	(R/G)	120/105	mW
DERATE FROM 25°C		-1.2	mW/°C
OPERATING, STORAGE TEMP.		-40 TO +85	°C

\*  $t < 10\mu s$

- A 1. SSL-LX509F3HGW, RED/GREEN LED.
- B 2. SSH-LX49, BLACK RUBBER HOUSING.
- A 3. RED ANODE: LXP-WST24D70TC, 24 AWG STRANDED, RED INSULATION, CUT 155mm LONG, STRIP 2mm & 9.5mm.
- A 4. GREEN ANODE: LXP-WST24BL70TC, 24 AWG STRANDED, BLACK INSULATION, CUT 155mm LONG, STRIP 2mm & 9.5mm.
- 5. CRIMP WIRE LEADS TO LED LEADS.

\*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.=+0.000, MAX.=+0.000. DECIMAL PRECISION DECIMAL PRECISION



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T=5mm RED/GREEN LED PANEL INDICATOR, MILKY WHITE DIFFUSED LENS, 6" WIRE LEADS.

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

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DATE:	06.04.92	DRAWN BY:	BC
PAGE:	1 OF 1	CHKD BY:	--
SCALE:		APRVD BY:	--
UNIT:	mm [INCH]		(Pb)

# Mouser Electronics

Authorized Distributor

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[SSI-LXH9HGW-150](#)