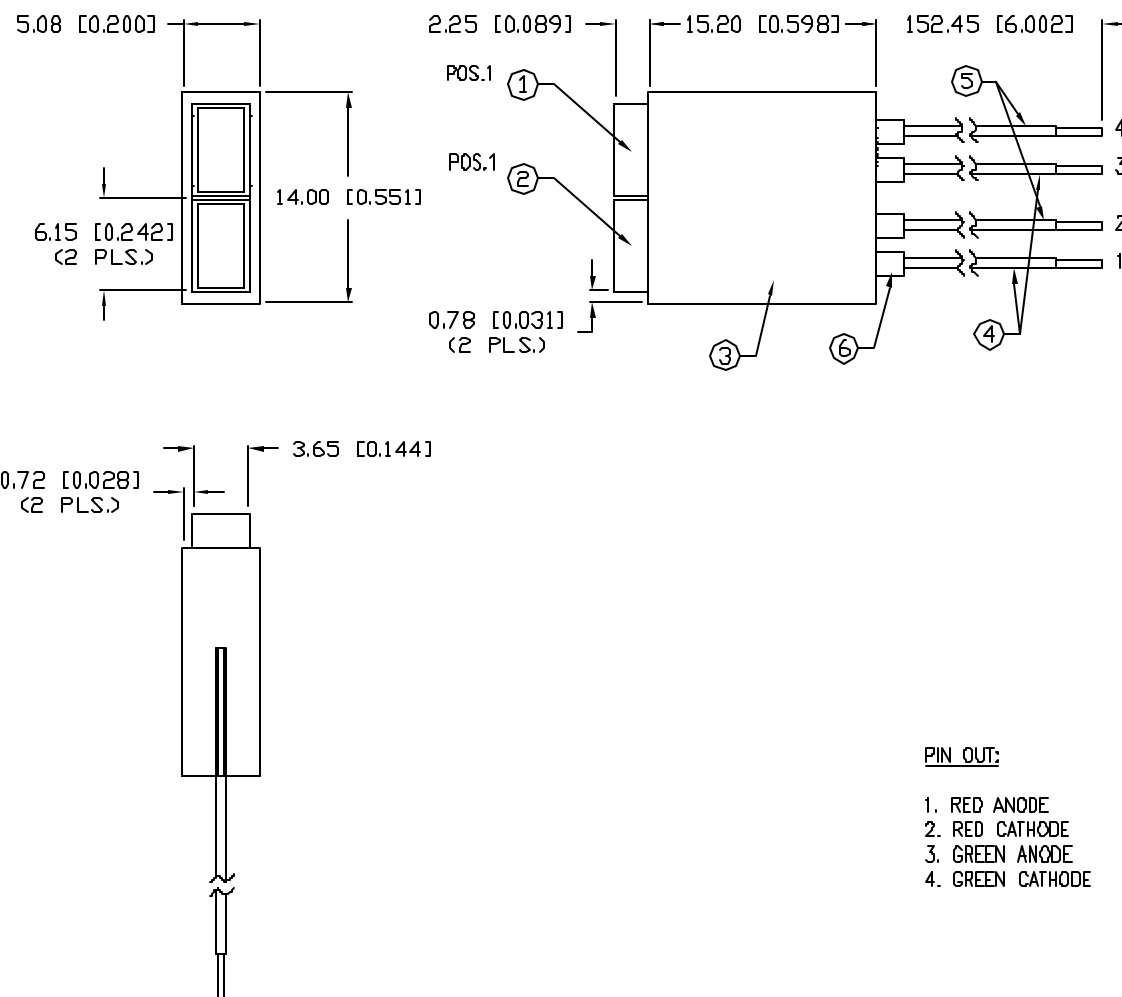


SSF-LXH20049GISL15

PRELIMINARY IN P/N DIR.

ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $I_f=20\text{mA}$

PARAMETER	GREEN	RED	UNITS	TEST COND
PEAK WAVELENGTH	565	635	nm	
FORWARD VOLTAGE (TYP.)	2.2	2.0	nm	
FORWARD VOLTAGE (MAX.)	2.6	2.5	V _f	
REVERSE VOLTAGE	5.0	5.0	V _r	I _r =100μA
AXIAL INTENSITY	10	20	mcd	I _f =20mA
VIEWING ANGLE	100	100	2x theta	
LED POSITION:	1	2		
EPOXY LENS FINISH:	DIFFUSED SAME AS EMITTED COLOR			

LIMITS OF SAFE OPERATION AT 25°C

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

* $t < 10\mu\text{s}$

NOTES:

- SSL-LX4673GD-LA20, GREEN LED.
- SSL-LX4673ID-LA20, RED LED.
- SSH-LXH20049, BLACK HOLDER.
- ANODE LEAD: LXP-WST24RDTQC, 24 AWG STRANDED TOP OVERCOAT RED INSULATION CUT 140mm LONG STRIP 4mm & 9.5mm
- CATHODE LEAD: LXP-WST24BLQC, 24 AWG STRANDED, TOP OVERCOAT BLACK INSULATION CUT 140mm LONG, STRIP 4mm & 9.5mm.
- LXP-HEATSHRINK-2, (4 PCS) 1/16" x 1/2" LONG
- CRIMP WIRE TO LED LEADS.

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

REV.

PART NUMBER

SSF-LXH20049GISL15

LED INDICATOR, DUAL RECTANGULAR, STRAIGHT LEADS,
POS.1: GREEN, POS.2: RED, COLOR DIFFUSED.

CONFIDENTIAL INFORMATION

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RELIABILITY NOTE

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.



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DATE: 9.18.03

PAGE: 1 OF 1

SCALE: N/A