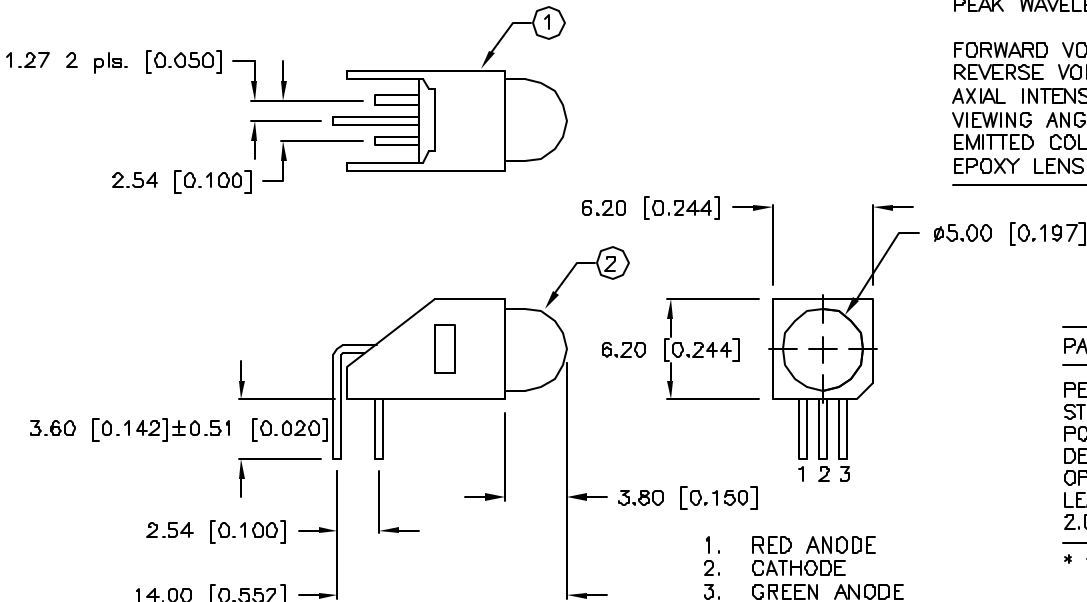


PRELIMINARY IN P/N DIR.

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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635 (RED) 565 (GREEN)		nm	
FORWARD VOLTAGE (R/G)		2.1	2.8	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_r=100\mu\text{A}$
AXIAL INTENSITY (R/G)		8.0		mcd	$I_f=20\text{mA}$
VIEWING ANGLE		80		2x theta	
EMITTED COLOR	RED/GREEN				
EPOXY LENS FINISH	MILKY WHITE DIFFUSED				



LIMITS OF SAFE OPERATION AT 25°C

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

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

BILL OF MATERIALS:

- SSH-LXH104 HOLDER, 1 EACH.
- SSL-LX5097IGW-05, 1 EACH. {LED WITH BENT LEADS}

INSPECTION ALERT

INSPECT FIRST PIECES THROUGH LINE FOR POLARITY BY LIGHT-UP

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.

		292 E. HELLEN ROAD PALATINE, ILLINOIS 60067 (708) 359-2790	
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DATE:	11-10-95	DWN:	CHK'D:
SCALE:	N/A		APP'D:
T-5 (T 1-3/4) RIGHT ANGLE LED, 3 LEADED, (.05" CENTERLINE) FAULT INDICATOR, BICOLOR RED/GREEN			
PAGE 1 OF 1		DRAWING NUMBER SSF-LXH104IGW-05	REV