DATE DRAWING NUMBER REV REVISIONS REV SSF-LXH103LGD-UC ELECTRO-OPTICAL CHARACTERISTICS TA =25°C If =20mA **PARAMETER** TYP TEST COND MIN MAX UNITS PEAK WAVELENGTH 565 (GREEN) nm FORWARD VOLTAGE 2.5 2.1 ٧f REVERSE VOLTAGE ٧'n $I_r = 100 uA$ 5.0 6.35[0.250] 2.40±0.50[0.094±0.02]+ AXIAL INTENSITY $I_f = 20 \text{mA}$ 15 mcd - 4.60[0.181] -- 1.0 mcd $I_f = 2 \text{ mA}$ VIEWING ANGLE 60 2x theta EMITTED COLOR GREEN ~ Ø2.90[Ø0.114] EPOXY LENS FINISH GREEN DIFFUSED LIMITS OF SAFE OPERATION AT 25°C PARAMETER **UNITS** MAX 7.37[0.290] PEAK FORWARD CURRENT* 150 mΑ STEADY CURRENT 25 mΑ 5.08±0.50[0.200±0.02] POWER DISSIPATION 105 mW DERATE FROM 25°C -1.6mW/°C OPERATING, STORAGE TEMP -40 TO +85 ٠Ċ LEAD SOLDERING TEMP +260 •C 2.0mm FROM BODY 3 SEC. MAX * t<10uS 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. 290 E. HELLEN ROAD PALATINE, ILLINOIS 60067 (847) 359-2790 OPTO COMPONENTS INC. CONFIDENTIAL INFORMATION
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SAME IN WHOLE OR IN PART FROM DISCLOSURE AND DISSEMINATION TO ALL THIRD PARTIES. ANODE: DWN: CHK'D: APPD: 5-9-97 DATE: -0.50[0.020] SCALE: N/A 2.54[0.100] 4.65±0.50[0.183±0.02] + **NOTES** T-3 (T-1) RIGHT ANGLE FAULT INDICATOR, LOW CURRENT, GREEN DIFFUSED, LEADS UNCUT 1. SSH-LXH103 HOLDER. 2. SSL-LX3044LGD LED. DRAWING NUMBER REV PAGE 1 OF 1 SSF-LXH103LGD-UC