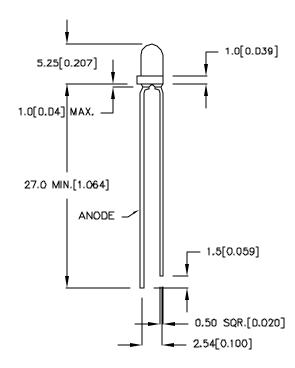
DRAWING NUMBER SLX-LX3054YD REV

Ø4.00[ØD.157] ø2.9[ø0.114]

REVISIONS

REV

DATE



NOTE 1. LED LEADS SILVER.

ELECTRO-OPTICAL CHARACTERISTICS TA = 25°C If = 20mA

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH FORWARD VOLTAGE REVERSE VOLTAGE AXIAL INTENSITY VIEWING ANGLE EMITTED COLOR EPOXY LENS FINISH	5.0 YELLOW YELLOW		2.8	nm Vf Vr mod 2x theta	I _r = 100 uA I _f = 20mA

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT* STEADY CURRENT POWER DISSIPATION DERATE FROM 25'C OPERATING, STORAGE TEMP LEAD SOLDERING TEMP 2.0mm FROM BODY	150 30 105 -1.6 -40 TO +85 +260	mA mA mW mW/TC "C 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 (B47) 359-2790

CONFIDENTIAL INFORMATION
THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF LUMEX OPTO/COMPONENTS, INC.
EXCEPT AS SPECIFICALLY AUTHORIZED IN WAITING BY LUMEX OPTO/COMPONENTS, INC., THE HOLDER OF
THIS DOCUMENT SHALL KEEP ALL INFORMATION CONTAINED HEREIN CONFIDENTIAL AND SHALL PROTECT
SAME IN WHOLE OR IN PART FROM DISCLOSLIRE AND DISSEMMATION TO ALL THIRD SHALL PROTECT

DWN: CHK'D: APPD: DATE: 11-21-96 SCALE: N/A

T-3 (T-1) LED, YELLOW DIFFUSED

DRAWING NUMBER REV PAGE 1 OF 1 SLX-LX3054YD

ME/CK