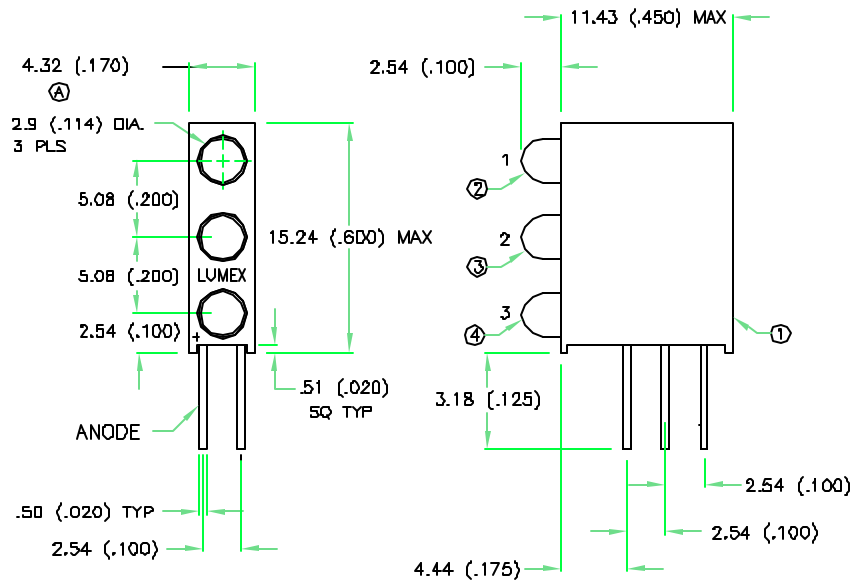


DATE	REVISIONS	REV
9-23-96	E.C.N. #10244./	A

DRAWING NUMBER	REV
SSF-LXH340YGID	A



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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH	POS. 1	585 (YELLOW)		nm	
	POS. 2	565 (GREEN)		nm	
	POS. 3	635 (RED)		nm	
FORWARD VOLTAGE		2.1	2.8	V _f	
REVERSE VOLTAGE	5.0			V _r	I _r =100uA
AXIAL INTENSITY		15		mcad	I _f =20mA
VIEWING ANGLE		80		2x theta	
EMITTED COLOR:	POS.1-YELLOW	POS.2-GREEN	POS.3-RED		
EPOXY LENS FINISH:	YELLOW, GREEN, RED DIFFUSED				

LIMITS OF SAFE OPERATION AT 25 DEG. C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT(Y/G/I)	30/25/30	mA
POWER DISSIPATION	105	mW
DERATE FROM 25 °C	-1.6	mW/ °C
OPERATING, STORAGE TEMP.	-40 TO +85	°C
LEAD SOLDERING TEMP.	+260	°C
2.0mm FROM BODY		3 SEC. MAX

* t<10uS

BILL OF MATERIALS:

- SSH-LXH340 HOLDER. MATERIAL: BLACK NYLON 94V-0.
- SSL-LX3044YD LED.
- SSL-LX3044GD LED.
- SSL-LX3044ID LED.

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.

LUMEX
OPTO COMPONENTS INC.

290 E. HELLEN ROAD
PALATINE, ILLINOIS 60067
(847) 359-2790

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DATE: 8-28-96	DWN:	CHK'D:	APPD:
SCALE: N/A			

T-3mm LED, RIGHT ANGLE FAULT INDICATOR,
YELLOW/GREEN/RED DIFFUSED

PAGE 1 OF 1	DRAWING NUMBER SSF-LXH340YGID	REV A
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