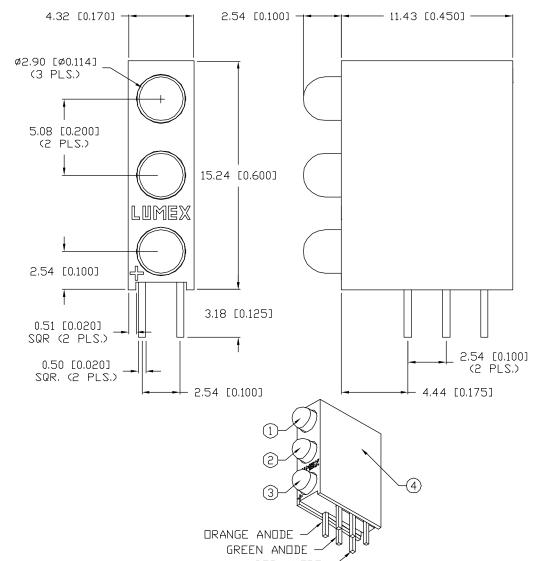
## SSF-LXH340ISGSOD



ELECTRO-OPTICAL CHARACTER	STICS TA	=25°C	I <sub>f</sub> =20	)mA	
PARAMETER	RED	GREEN	ORANGE	UNITS	TEST COND
PEAK WAVELENGTH	635	565	610	nm	
FORWARD VOLTAGE (TYP.)	2.0	2.2	2.0	٧f	
FORWARD VOLTAGE (MAX.)	2.5	2.6	2.5	٧f	
REVERSE VOLTAGE	5.0	5.0	5.0	$V_r$	1 <sub>r</sub> =100µA
AXIAL INTENSITY	40	40	800	mcd	If=20mA
VIEWING ANGLE	60	60	60	2x theta	
LED POSITION:	1	2	3		
EPOXY LENS FINISH: COLOR	DIFFUSE	D PER	POSITION		

## LIMITS OF SAFE OPERATION AT 25°C PER DIE

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

<sup>\*</sup> t<10µS

## NOTES:

- 1. SSL-LX3044ID RED LED.
- 2. SSL-LX3044SGD GREEN LED.
- 3. SSL-LX3044SOD ORANGE LED.
- 4. SSH-LXH340 HOLDER BLACK NYLON, 94V-0.

RED ANDDE \*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 MAX.= +0.00 -

REV.

PART NUMBER SSF-LXH340ISGSOD

T-3mm (T-1) RIGHT ANGLE FAULT INDICATOR HOLDER, POS.1: 635nm RED, POS.2: 565nm GREEN, POS.3: 610 AllnGaP ORANGE, COLOR DIFFUSED.

CONFIDENTIAL INFORMATION
THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF LUMEX INC. EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY LUMEX INC., THE HOLDER OF THIS DOCUMENT SHALL KEEP ALL INFORMATION CONTAINED HEREIN CONFIDENTIAL AND SHALL PROTECT SAME IN WHOLE OR IN PART FROM DISCLOSURE AND DISSEMINATION TO ALL THIRD PARTIES.

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. HELEN ROAD PALATINE, IL 60067-6976 PHONE: +1.847.359.2790 US WEB: www.lumex.com

DRAWN BY:

BC

CHECKED BY: APPROVED BY: DATE: 1.21.04

TW WEB: www.lumex.com.tw

PAGE: 1 OF 1 SCALE: N/A

## **Mouser Electronics**

**Authorized Distributor** 

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Lumex:

SSF-LXH340ISGSOD