

PART NUMBER  
SSF-LXH340YCID

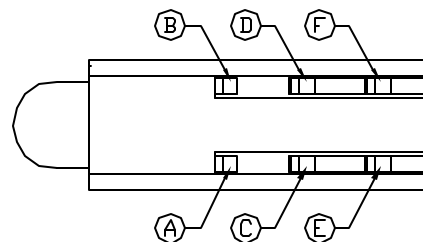
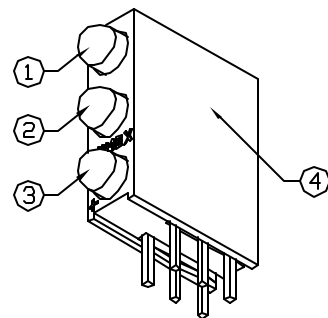
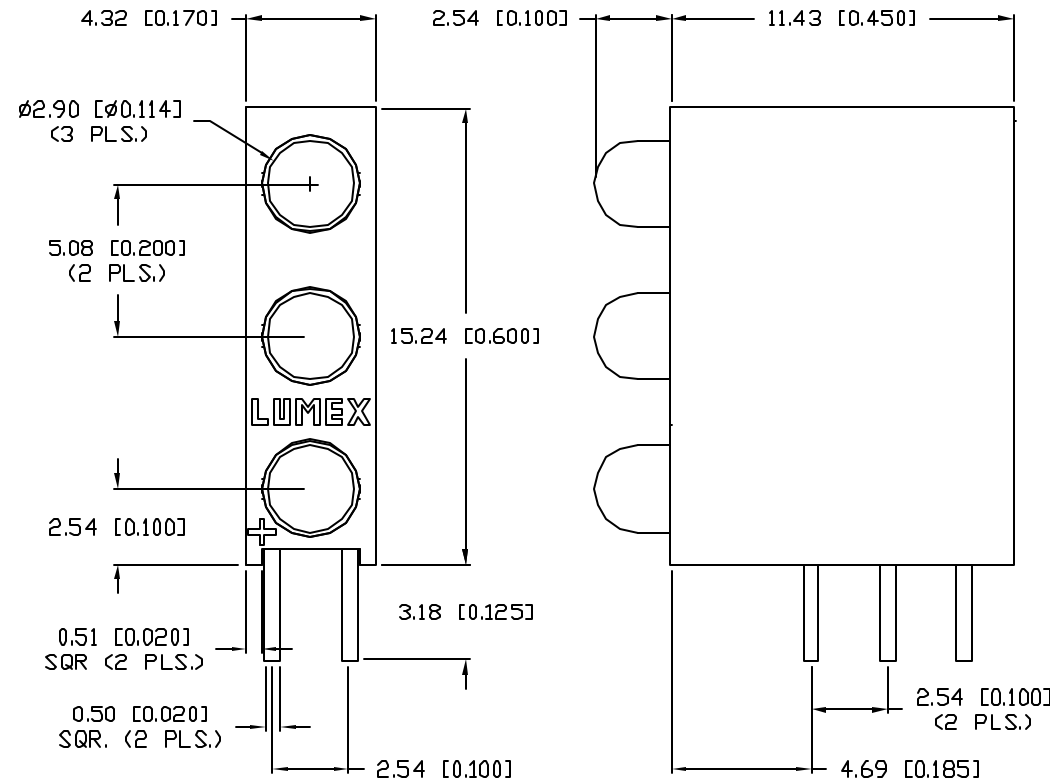
REV.

CAUTION: STATIC SENSITIVE DEVICE  
FOLLOW PROPER E.S.D. HANDLING PROCEDURES  
WHEN WORKING WITH THIS PART.

| ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^{\circ}\text{C}$ $I_f=20\text{mA}$ |                                                                           |       |     |                 |                      |
|----------------------------------------------------------------------------|---------------------------------------------------------------------------|-------|-----|-----------------|----------------------|
| PARAMETER                                                                  | YELLOW                                                                    | GREEN | RED | UNITS           | TEST COND            |
| PEAK WAVELENGTH                                                            | 585                                                                       | 565   | 635 | nm              |                      |
| FORWARD VOLTAGE (TYP.)                                                     | 2.1                                                                       | 2.2   | 2.0 | $V_f$           |                      |
| FORWARD VOLTAGE (MAX.)                                                     | 2.5                                                                       | 2.6   | 2.5 | $V_f$           |                      |
| REVERSE VOLTAGE                                                            | 5.0                                                                       | 5.0   | 5.0 | $V_r$           | $I_r=100\mu\text{A}$ |
| AXIAL INTENSITY                                                            | 30                                                                        | 40    | 40  | mcd             | $I_f=20\text{mA}$    |
| VIEWING ANGLE                                                              | 60                                                                        | 60    | 60  | $2\times\theta$ |                      |
| LED POSITION:                                                              | 1                                                                         | 2     | 3   |                 |                      |
| EPOXY LENS FINISH:                                                         | POS. 1: YELLOW DIFFUSED<br>POS. 2: GREEN DIFFUSED<br>POS. 3: RED DIFFUSED |       |     |                 |                      |

| LIMITS OF SAFE OPERATION AT $25^{\circ}\text{C}$ PER DIE |         |             |                              |
|----------------------------------------------------------|---------|-------------|------------------------------|
| PARAMETER                                                | COLORS  | MAX         | UNITS                        |
| PEAK FORWARD CURRENT*                                    | (Y/G/R) | 150/150/150 | mA                           |
| STEADY CURRENT                                           | (Y/G/R) | 30/30/30    | mA                           |
| POWER DISSIPATION                                        |         | 105         | mW                           |
| DERATE FROM $25^{\circ}\text{C}$                         |         | -1.2        | $\text{mW}/^{\circ}\text{C}$ |
| OPERATING, STORAGE TEMP.                                 |         | -40 TO +85  | $^{\circ}\text{C}$           |
| SOLDERING TEMP.                                          |         | +260        | $^{\circ}\text{C}$           |
| 2.0mm FROM BODY                                          |         |             | 3 SEC. MAX                   |

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



LEAD NOTES:

- A. RED ANODE.
- B. RED CATHODE.
- C. GREEN ANODE.
- D. GREEN CATHODE.
- E. YELLOW ANODE.
- F. YELLOW CATHODE.

NOTES:

- 1. SSL-LX3044YD, YELLOW LED.
- 2. SSL-LX3044GD, GREEN LED.
- 3. SSL-LX3044RD, RED LED.
- 4. SSH-LXH340 HOLDER, BLACK NYLON, 94V-0.

\*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), XX=±0.5 (±0.020), XXX=±0.25 (±0.010), XXXX=±0.127 (±0.005), LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030), MIN.=+0.00 PRECISION -0.00, MAX.=+0.00 PRECISION -0.00

REV.

PART NUMBER

SSF-LXH340YCID

T-3mm (T-1) RIGHT ANGLE FAULT INDICATOR HOLDER,  
POS. 1: 585nm YELLOW LED,  
POS. 2: 565nm GREEN LED, POS. 3: 635nm RED LED.

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  
TW WEB: www.lumex.com.tw

DRAWN BY:

JD

CHECKED BY:

APPROVED BY:

DATE: 3.23.05

PAGE: 1 OF 1

SCALE: N/A

# AMEYA360

## Components Supply Platform

Authorized Distribution Brand :



Website :

Welcome to visit [www.ameya360.com](http://www.ameya360.com)

Contact Us :

➤ Address :

401 Building No.5, JiuGe Business Center, Lane 2301, Yishan Rd  
Minhang District, Shanghai , China

➤ Sales :

Direct +86 (21) 6401-6692

Email [amall@ameya360.com](mailto:amall@ameya360.com)

QQ 800077892

Skype ameyasales1 ameyasales2

➤ Customer Service :

Email [service@ameya360.com](mailto:service@ameya360.com)

➤ Partnership :

Tel +86 (21) 64016692-8333

Email [mkt@ameya360.com](mailto:mkt@ameya360.com)