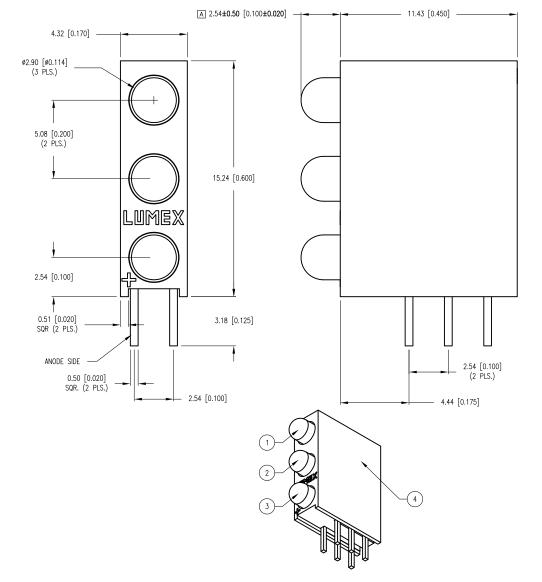
UNCONTROLLED DOCUMENT



PART NUMBER	SSF-LXH340GYID	REV.	В
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
10.22.08	E.C.N. #11521.		Α
10.29.12	E.C.N. #10BRDR. & REDRAWN.		В

ELECTRO-OPTICAL CHARA	CTERISTICS Ta=25°C	If=20mA			
PARAMETER	GREEN	YELLOW	RED	UNITS	TEST COND
PEAK WAVELENGTH	565	585	635	nm	
FORWARD VOLTAGE (TYP)	2.2	2.1	2.0	Vf	
FORWARD VOLTAGE (MAX)	2.6	2.5	2.5	Vf	
REVERSE VOLTAGE	5.0	5.0	5.0	Vr	Ir=100µA
AXIAL INTENSITY	20	20	30	mcd	If=20mA
VIEWING ANGLE	60	60	60	2x theta	
LED POSITION:	1	2	3		
LENS FINISH:	DIFFUSED SAME AS	EMITTED COL	.OR		

LIMITS OF SAFE OPERATION AT 25°C

mino or orac oreamon in Eco		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT (G/Y/R)	25/30/30	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	-1.6	mW/*C
DPERATING TEMP.	-40 TO +85	•C
STORAGE TEMP.	-40 TO +85	·C
SOLDERING TEMP.	+260	.C
2.0mm FROM BODY	3	SEC.
1/210uC		

NOTES:

- 1. SSL-LX3044GD, GREEN LED, GREEN DIFFUSED LENS.
 2. SSL-LX3044YD, YELLOW LED, YELLOW DIFFUSED LENS.
 3. SSL-LX3044ID, RED LED, RED DIFFUSED LENS.
- 4. SSH-LXH340 HOLDER, BLACK NYLON, 94V-0.

*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= $^{+DECIMAL}_{-0.00}$ PRECISION MAX.= $^{+0.00}_{-0.00}$ MAX.= $^{+0.00}_{-0.00}$ PRECISION ARE: X=±1 (±0.039), X.XX=±0.5 (±0.020), X.XX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD SIZE=±0.05 (±0.002), LEAD SIZE=±0.05 (±0.003). MIN= $^{+DECIMAL}_{-0.00}$ PRECISION MAX.= $^{+0.00}_{-0.00}$ MAX.= $^{+0.00}_{-0.00}$ UNCONTROLLED DOCUMENT



425 N. GARY AVE. CAROL STREAM, IL 60188-4900 PHONE: +1.800.278.5666 FAX: +1.630.315.2152 WEB: WWW.LUMEX.COM MEMBER OF ITW PHOTONICS GROUP QUASARBRITE T-3mm (T-1) RT ANGLE HOLDER, 565/585/635nm GREEN/YELLOW/RED LED, COLOR DIFFUSED.

THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.

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DATE: 10.29.12 DRAWN BY: AΒ PAGE: 1 OF CHKD BY: KF SCALE: NTS APRVD BY: KF (Pb) UNIT: mm [INCH]