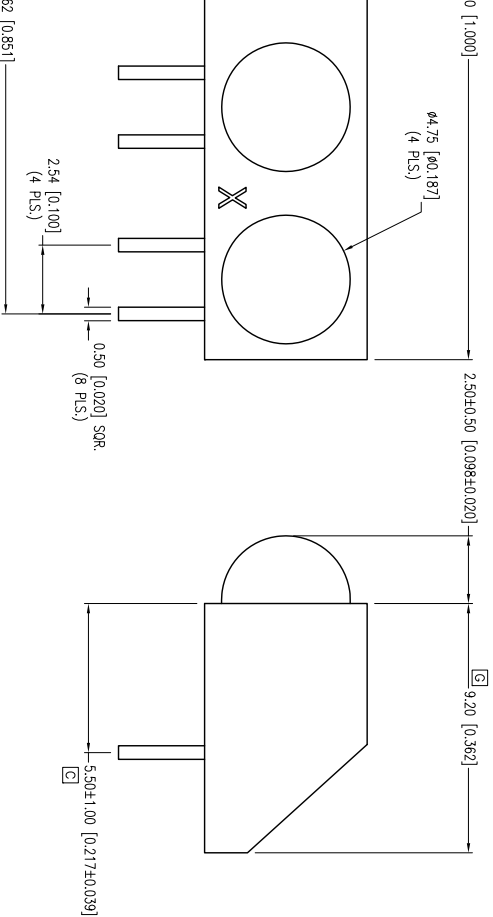
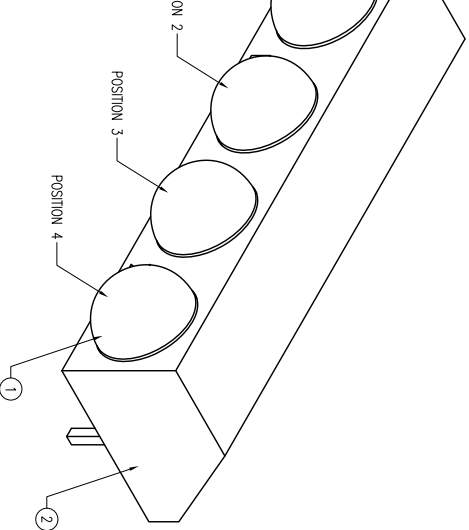




**THE DATASHEET OF
SSF-LXH400GD**



PART NUMBER	SSF-LXH400GD		REV.	G
DATE	E.C.N. NUMBER AND REVISION COMMENTS			REV.
11.03.93	CHG'D. LEAD LENGTH.			A
06.08.95	REDRAWN & UPDATED SPECS.			B
02.03.97	E.C.N. #10303.			C
02.27.97	E.C.N. #10314.			D
05.15.01	E.C.N. #10BRDR. & REDRAWN.			E
09.21.11	E.C.N. #10BRDR. & REDRAWN.			F
06.13.12	E.C.N. #10BRDR. & REDRAWN/#11756.			G



□ ELECTRO-OPTICAL CHARACTERISTICS $T_a=25^{\circ}\text{C}$ $I_f=20\text{mA}$

PARAMETER	MIN	Typ	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565		nm	
FORWARD VOLTAGE		2.1	2.5	V _f	$I_f=100\mu\text{A}$
REVERSE VOLTAGE	5.0			V _r	$I_f=20\text{mA}$
AXIAL INTENSITY		40		md	
VIEWING ANGLE		60		2θ theta	
EMITTED COLOR:		GREEN			
LENS FINISH:		GREEN DIFFUSED			

□ LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	140	mA
STEADY FORWARD CURRENT	25	mA
POWER DISSIPATION	62.5	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING TEMP.	-40 TO +85	°C
STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY	3	SEC.

* I<10µS

NOTES:

1. SSL-LX507E36D, GREEN LED. (4 PCS.)
2. SSH-LXH40D HOLDER, BLACK.
3. PACKAGE PARTS IN ANTISTATIC TUBES.

DATE: 06.13.12
 DRAWN BY: AB
 CHECK BY: DT
 APPROV BY: DT

UNCONTROLLED DOCUMENT

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