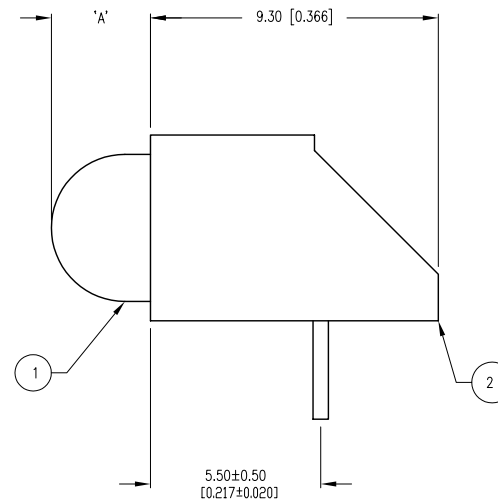
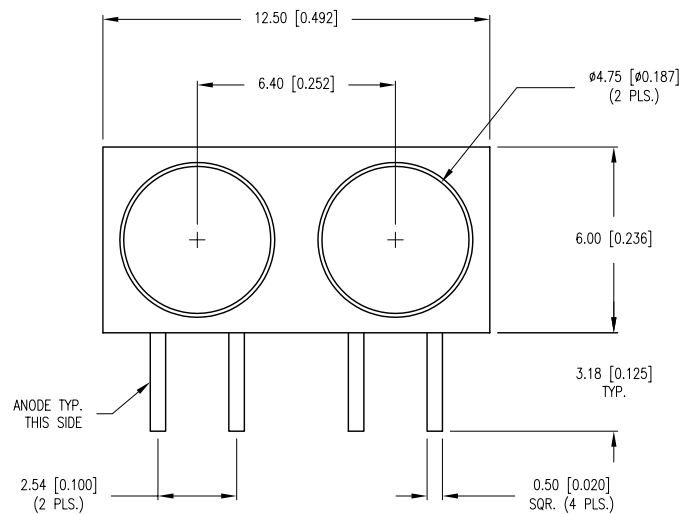


PART NUMBER	SSF-LXH2100GD(-1)	REV.	A
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
10.13.11	E.C.N. #10BRDR.		A



DIM 'A'
NO P/N SUFFIX: 3.2 [0.126]
WITH -1 SUFFIX: 4.7 [0.187]

ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^{\circ}\text{C}$ $I_f=20\text{mA}$				
PARAMETER	MIN	TYP	MAX	UNITS
PEAK WAVELENGTH		565		nm
FORWARD VOLTAGE		2.2	2.6	V_f
REVERSE VOLTAGE	5.0			V_r
AXIAL INTENSITY		30		mcd
VIEWING ANGLE		60		2θ
EMITTED COLOR:	GREEN			
EPOXY LENS FINISH:	GREEN DIFFUSED			

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°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

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

NOTES:

1. NO P/N SUFFIX, SSL-LX507F3GD, GREEN LED. (2 PCS.)
WITH -1 SUFFIX, SSL-LX509F3GD, GREEN LED. (2 PCS.)
2. SSH-LXH2100, BLACK HOLDER.

*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 -0.00 DECIMAL PRECISION MAX.= +0.00 DECIMAL PRECISION -0.00 DECIMAL PRECISION

UNCONTROLLED DOCUMENT

 LUMEX Creating LED and LCD Solutions Together™	290 E. HELEN ROAD PALATINE, IL 60067-6976 PHONE: +1.847.359.2790 FAX: +1.847.359.6538 WEB: WWW.LUMEX.COM	T-5mm (T-1 3/4) DUAL LED HOLDER, TWO 565nm GREEN LEDS, GREEN DIFFUSED LENS.		DATE: 10.13.11	DRAWN BY: AB
		THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.		PAGE: 1 OF 1	CHKD BY: SS
		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.		SCALE: NTS	APRVD BY: KF
				UNIT: mm [INCH]	Ⓟ