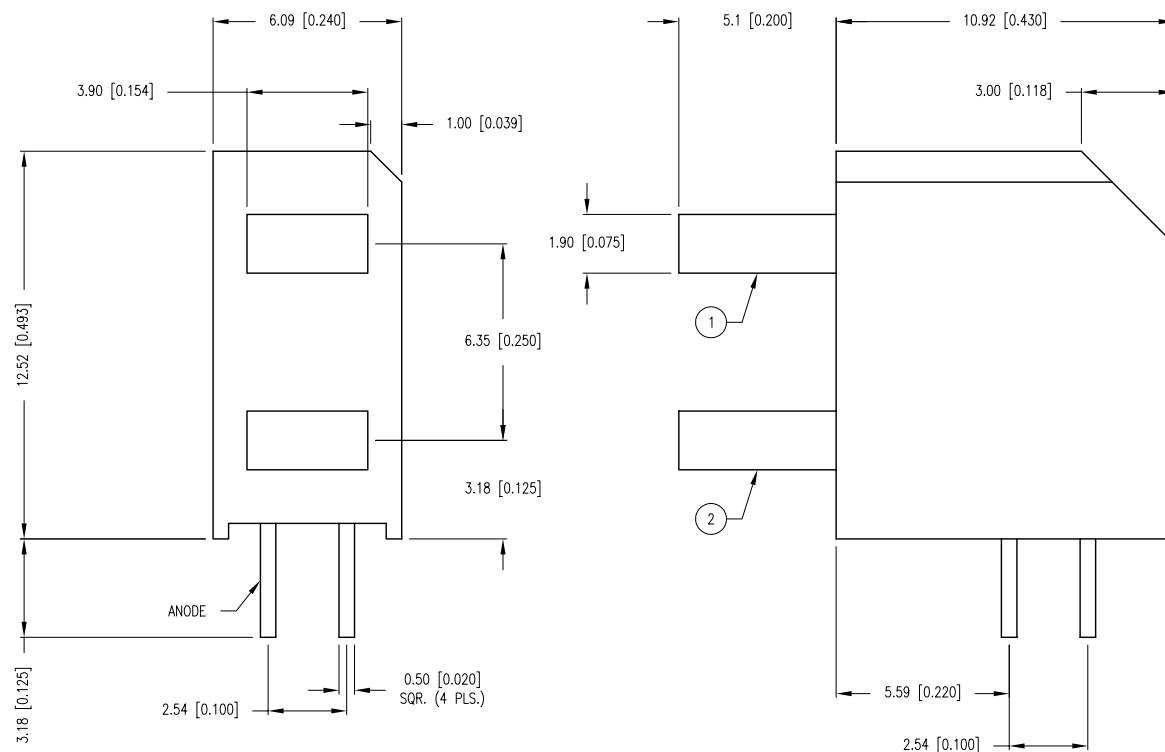


PART NUMBER	SSF-H2247YGD	REV.	A
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
10.04.11	E.C.N. #10BRDR.		A



ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^{\circ}\text{C}$ $I_f=20\text{mA}$				
PARAMETER	YELLOW	GREEN	UNITS	TEST COND
PEAK WAVELENGTH	585	565	nm	
FORWARD VOLTAGE (TYP.)	2.1	2.2	$V_f$	
FORWARD VOLTAGE (MAX.)	2.5	2.6	$V_f$	
REVERSE VOLTAGE	5.0	5.0	$V_r$	$I_r=100\mu\text{A}$
AXIAL INTENSITY	8	8	md	$I_f=20\text{mA}$
VIEWING ANGLE	110	110	2x theta	
LED POSITION:	1	2		
EPOXY LENS FINISH: DIFFUSED SAME AS EMITTED COLOR				

LIMITS OF SAFE OPERATION AT $25^{\circ}\text{C}$			
PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*		150	mA
STEADY CURRENT	(Y/G)	30/25	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


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

**NOTES:**

1. SSL-LX2473YD, YELLOW LED.
2. SSL-LX2473GD, GREEN LED.

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

UNCONTROLLED DOCUMENT

 <b>LUMEX</b> 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	2mm x 4mm RECTANGULAR DUAL TOWER, POS. 1: YELLOW, POS.2: GREEN, COLORED DIFFUSED.		DATE: 10.04.11	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]	Ⓟ

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