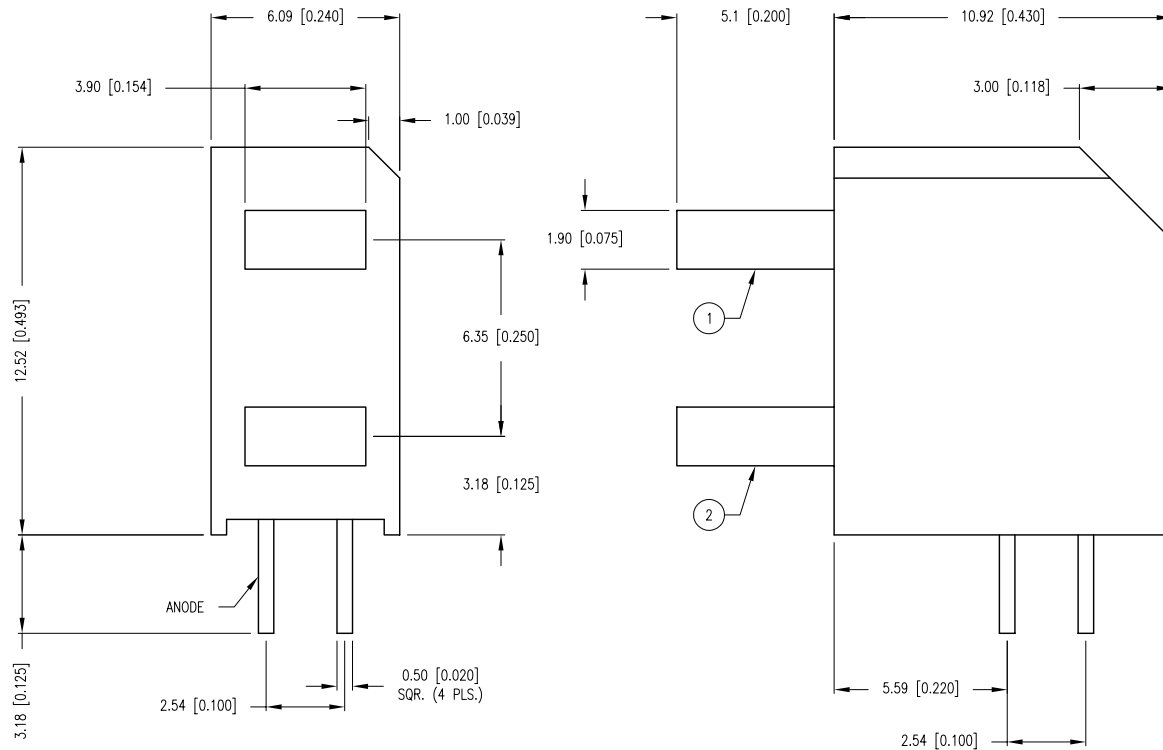


PART NUMBER	SSF-H2247YGD	REV.	A
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
10.04.11	E.C.N. #10BRDR.		A



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	$I_f=100\mu\text{A}$
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°C

PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*		150	mA
STEADY CURRENT	(Y/G)	30/25	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. SSL-LX2473YD, YELLOW LED.
2. SSL-LX2473GD, GREEN LED.

*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.= $^{+0.00}_{-0.00}$ DECIMAL PRECISION MAX.= $^{+0.00}_{-0.00}$ 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	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
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				UNIT: mm [INCH]	Ⓟ

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