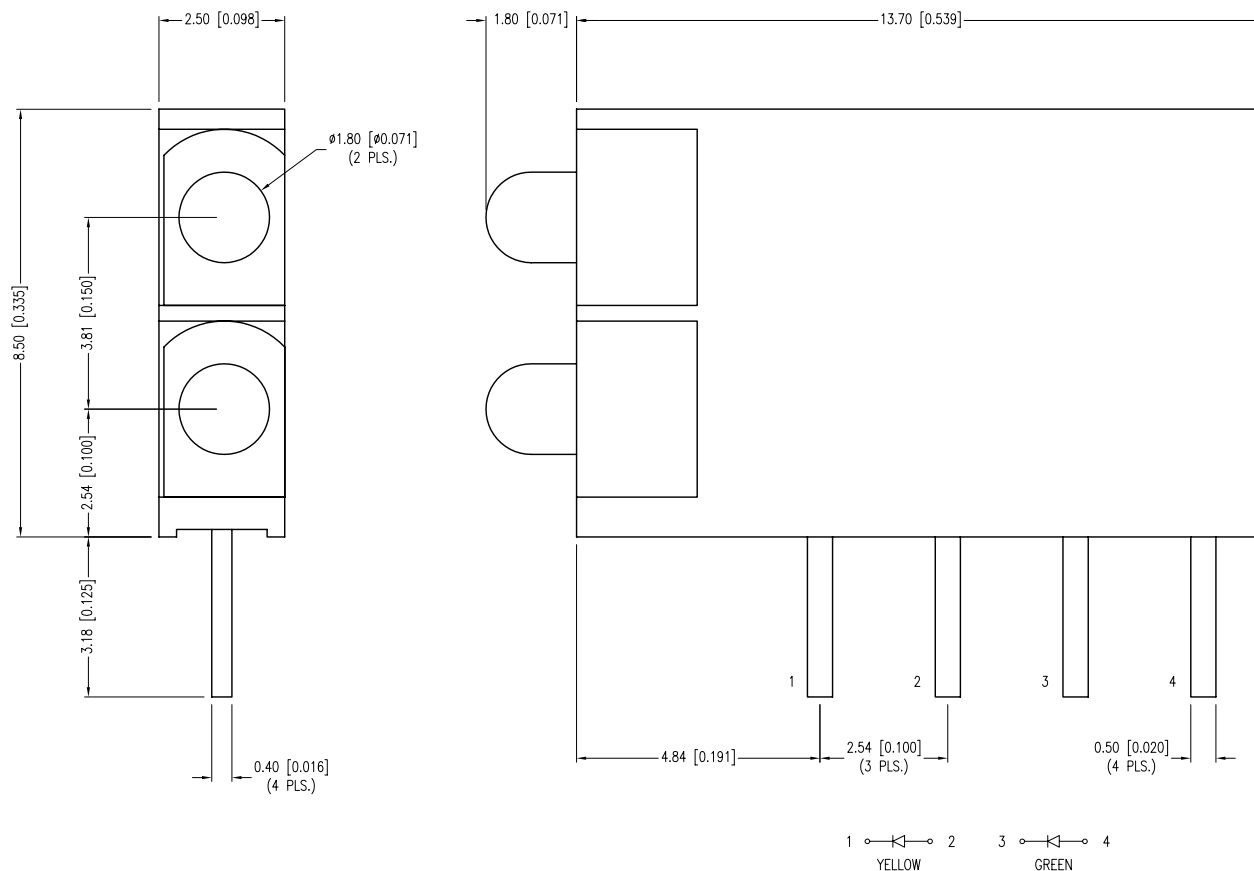


PART NUMBER	SSF-H2230GYD-RP	REV.	B
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
10.18.01	E.C.N. #10798.		A
08.10.11	E.C.N. #10BRDR. & REDRAWN.		B



ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C			If=20mA		
PARAMETER	MIN	TYP	MAX	UNITS	UNITS
PEAK WAVELENGTH (G/Y)		565/585		nm	
FORWARD VOLTAGE (G/Y)		2.2/2.1	2.6/2.5	Vf	
REVERSE VOLTAGE	5.0			Vr	Ir=100μA
AXIAL INTENSITY		20		mcd	If=20mA
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	GREEN/YELLOW				
EPOXY LENS FINISH:	COLOR DIFFUSED				

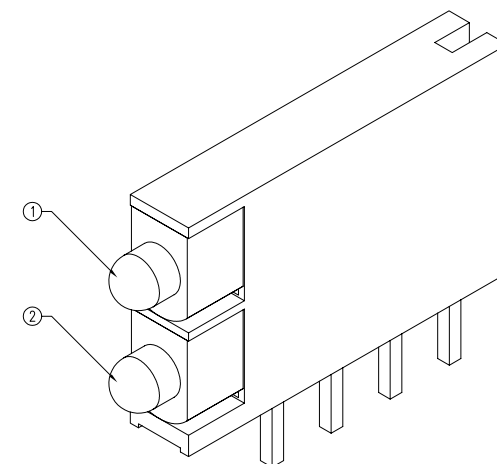
LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT* (G/Y)	150/140	mA
STEADY CURRENT (G/Y)	25/30	mA
POWER DISSIPATION	105	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. MAX.

* t<10μs

NOTES:

1. GREEN LED.
2. YELLOW 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= ^{+DECIMAL PRECISION} -0.00 ^{-DECIMAL PRECISION}

UNCONTROLLED DOCUMENT

	290 E. HELEN ROAD PALATINE, IL 60067-6976 PHONE: +1.847.359.2790 FAX: +1.847.359.6538 WEB: WWW.LUMEX.COM	-2mm DUAL TOWER, 1 UNIT, FRONT-BACK LEADS, 565/585nm GREEN/YELLOW, COLOR DIFFUSED, REVERSE POLARITY.		DATE: 08.10.11	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: SS
				UNIT: mm [INCH]	Ⓢ