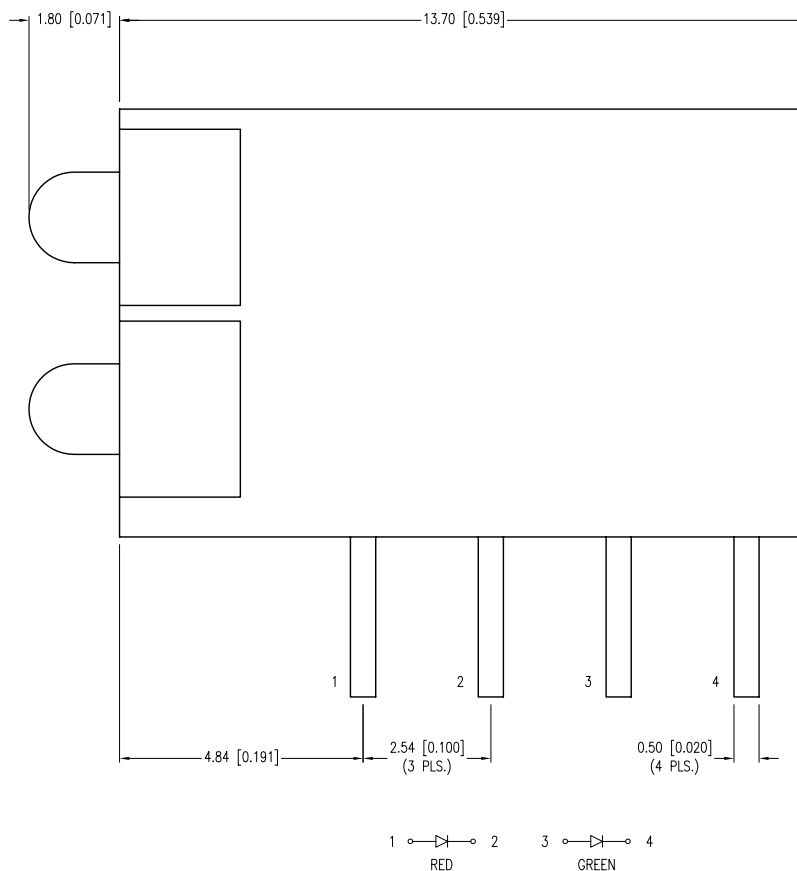
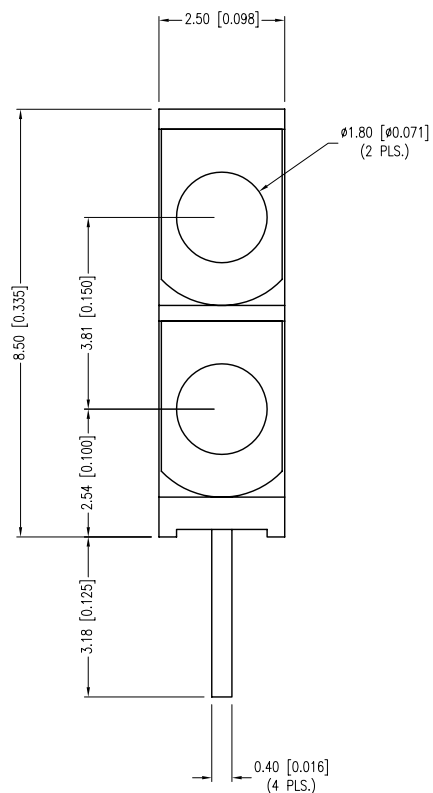


PART NUMBER	SSF-H2230SUGSID	REV.	A
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
08.10.11	E.C.N. #10BRDR. & REDRAWN.		A



ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C			If=20mA		
PARAMETER	MIN	TYP	MAX	UNITS	UNITS
PEAK WAVELENGTH (G/R)		574/636		nm	
FORWARD VOLTAGE (G/R)		2.2/2.0	2.6	Vf	
REVERSE VOLTAGE	5.0			Vr	Ir=100μA
AXIAL INTENSITY (G/R)		50/120		mcd	If=20mA
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	GREEN/RED				
EPOXY LENS FINISH:	COLOR DIFFUSED				

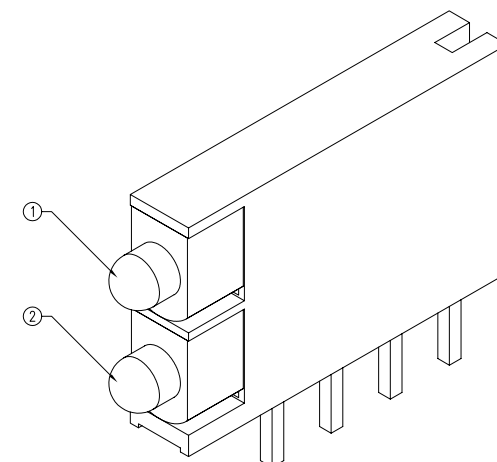
LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT (G/R)	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. RED LED.



UNCONTROLLED DOCUMENT

*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} MAX= ^{+0.00}_{-DECIMAL PRECISION}



290 E. HELEN ROAD
PALATINE, IL 60067-6976
PHONE: +1.847.359.2790
FAX: +1.847.359.6538
WEB: WWW.LUMEX.COM

T-2mm DUAL TOWER, 1 UNIT, FRONT-BACK LEADS, 574/636nm SUPR GREEN/RED, COLOR DIFFUSED.

THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.

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.

DATE:	08.10.11	DRAWN BY:	AB
PAGE:	1 OF 1	CHKD BY:	SS
SCALE:	NTS	APRVD BY:	SS
UNIT:	mm [INCH]		Ⓟ

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Lumex:

[SSF-H2230SUGSID](#)