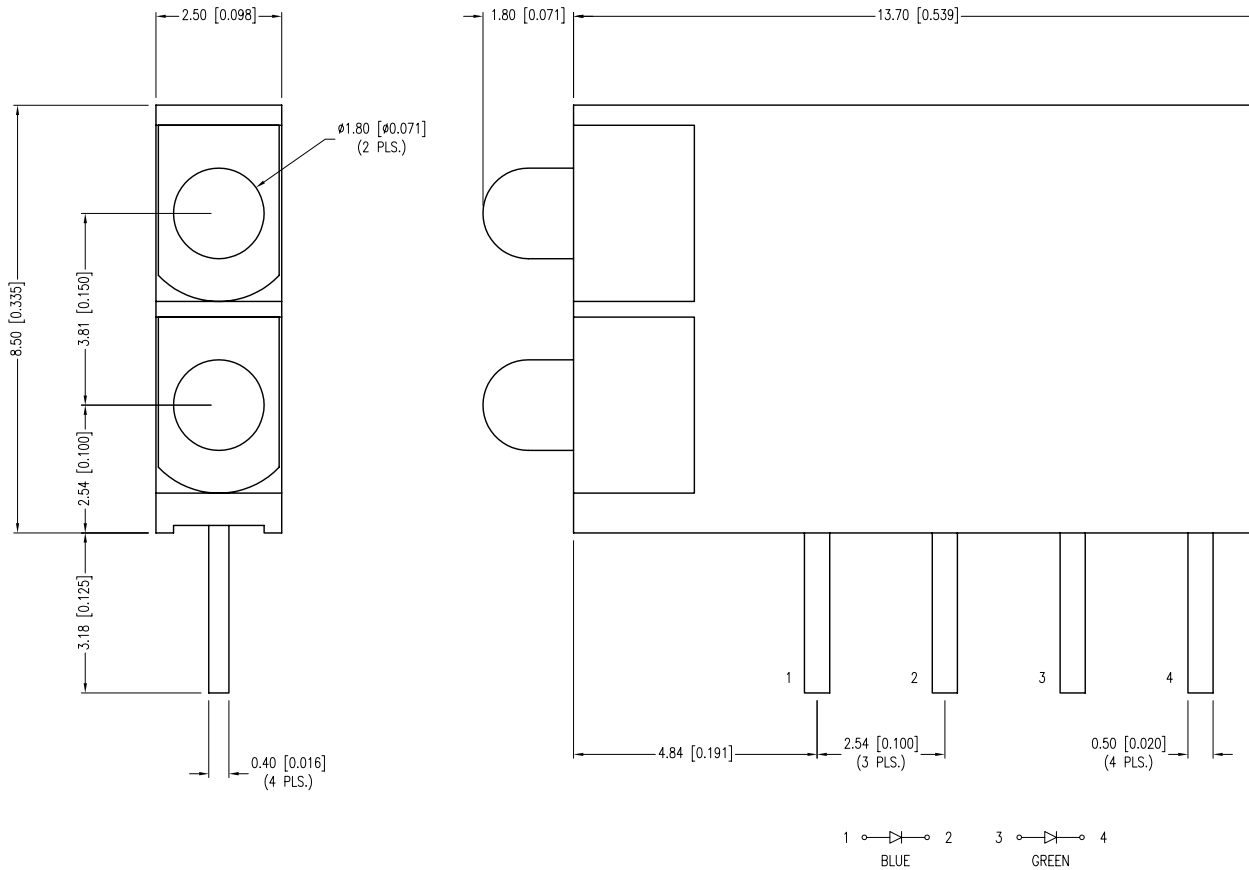


PART NUMBER	SSF-H2230SUGSBD	REV.	A
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
08.10.11	E.C.N. #10BRDR. & REDRAWN.		A



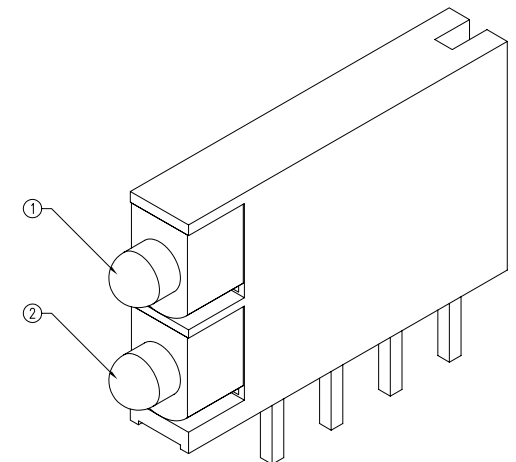
ELECTRO-OPTICAL CHARACTERISTICS $T_a=25^\circ\text{C}$ $I_f=20\text{mA}$					
PARAMETER	MIN	TYP	MAX	UNITS	UNITS
PEAK WAVELENGTH (G/B)		574/430		nm	
FORWARD VOLTAGE (G/B)		2.2/4.5	2.6/5.5	V <sub>f</sub>	
REVERSE VOLTAGE	5.0			V <sub>r</sub>	I <sub>r</sub> =100 $\mu$ A
AXIAL INTENSITY (G/B)		50/30		mcd	I <sub>f</sub> =20mA
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	GREEN/BLUE				
EPOXY LENS FINISH:	COLOR 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	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.

\* I<sub>t</sub> < 10 $\mu$ S

NOTES:

1. GREEN LED.
2. BLUE 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= <sup>+0.00</sup>DECIMAL PRECISION MAX.= <sup>-0.00</sup>DECIMAL PRECISION UNCONTROLLED DOCUMENT

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T-2mm DUAL TOWER, 1 UNIT, FRONT-BACK LEADS, 574/430nm GREEN/BLUE, COLOR DIFFUSED.  
 \*\*THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.\*\*  
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DATE:	08.10.11	DRAWN BY:	AB
PAGE:	1 OF 1	CHKD BY:	SS
SCALE:	NTS	APRVD BY:	SS
UNIT:	mm [INCH]		Ⓟ