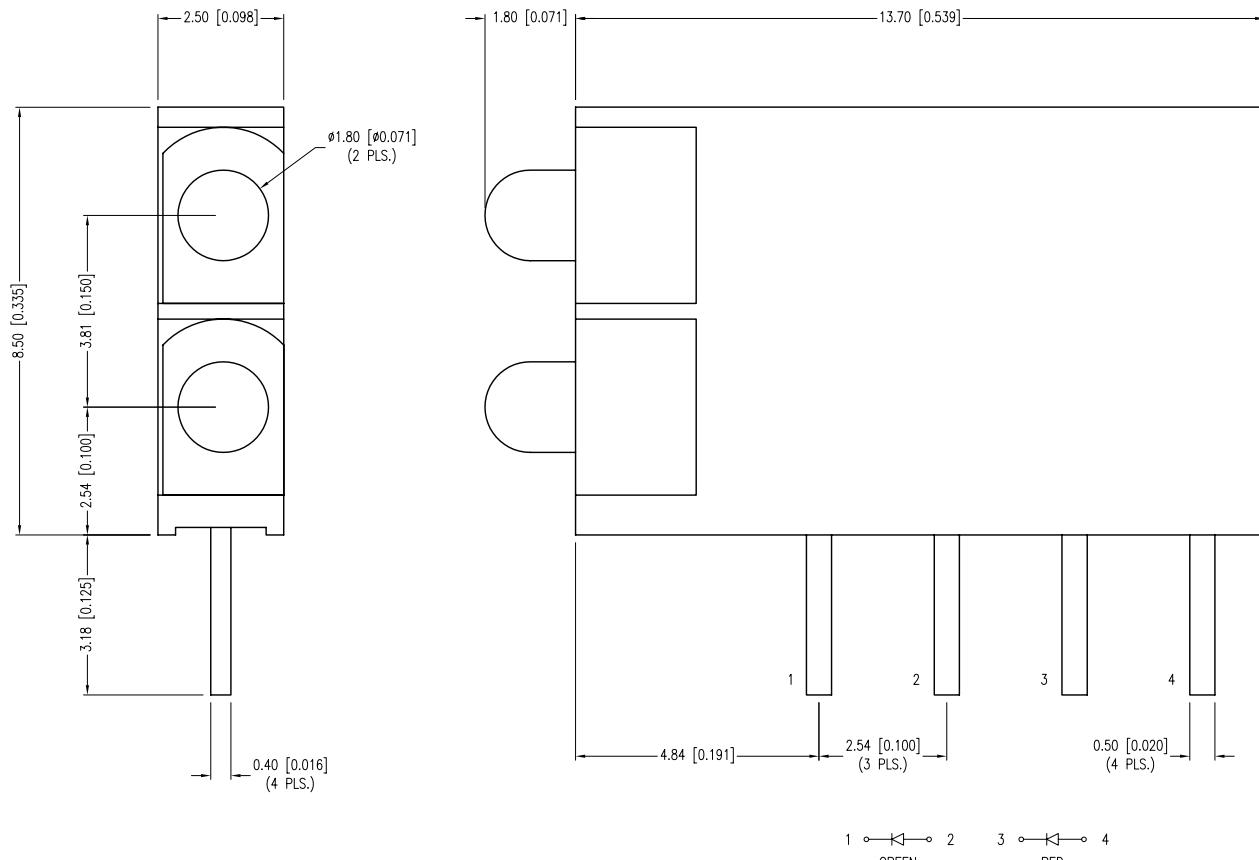


PART NUMBER	SSF-H2230IGD-RP	REV.	A
DATE	E.C.N. NUMBER AND REVISION COMMENTS	REV.	
08.10.11	E.C.N. #10BRDR. & REDRAWN.		A



ELECTRO-OPTICAL CHARACTERISTICS $T_a=25^\circ\text{C}$ $If=20\text{mA}$					
PARAMETER	MIN	TYP	MAX	UNITS	UNITS
PEAK WAVELENGTH (R/G)	635/565			nm	
FORWARD VOLTAGE (R/G)	2.0/2.2		2.5/2.6	Vf	
REVERSE VOLTAGE	5.0			Vr	$I_r=100\mu\text{A}$
AXIAL INTENSITY	20			mcd	$If=20\text{mA}$
VIEWING ANGLE	60			2x theta	
EMITTED COLOR:	RED/GREEN				
EPOXY LENS FINISH:	COLOR DIFFUSED				

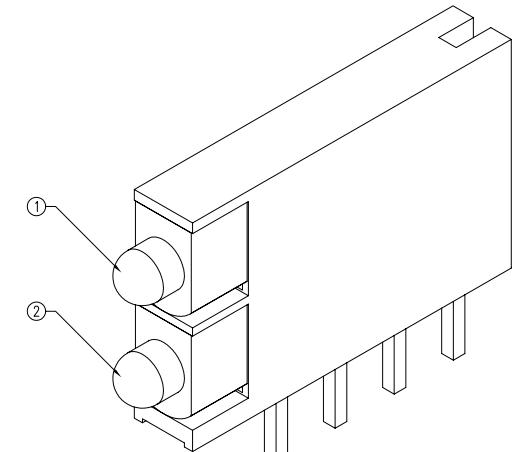
LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT (R/G)	30/25	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	-1.2	mW/ $^\circ\text{C}$
OPERATING TEMP.	-40 TO +85	$^\circ\text{C}$
STORAGE TEMP.	-40 TO +85	$^\circ\text{C}$
SOLDERING TEMP.	+260	$^\circ\text{C}$
2.0mm FROM BODY	3	SEC. MAX.

* $I < 10\mu\text{S}$

NOTES:

1. RED LED.
2. GREEN LED.



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

UNCONTROLLED DOCUMENT

Mouser Electronics

Authorized Distributor

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

[Lumex](#):

[SSF-H2230IGD-RP](#)