



NOTES:

1. POSITION 1: GREEN LED.
2. POSITION 2: GREEN LED.

ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$		$I_f=20\text{mA}$	
PARAMETER	GREEN	UNITS	TEST COND
PEAK WAVELENGTH	574	nm	
FORWARD VOLTAGE (TYP.)	2.2	V_f	
FORWARD VOLTAGE (MAX.)	2.6	V_f	
REVERSE VOLTAGE	5.0	V_r	$I_r=100\mu\text{A}$
AXIAL INTENSITY	50	mcd	$I_f=20\text{mA}$
VIEWING ANGLE	60	2x theta	
LED POSITION:	1,2		
EPOXY LENS FINISH: GREEN 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/ $^\circ\text{C}$
OPERATING, STORAGE TEMP.	-40 TO +85	$^\circ\text{C}$
SOLDERING TEMP.	+260	$^\circ\text{C}$
2.0mm FROM BODY		3 SEC. MAX

* $t < 10\mu\text{s}$

*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}

REV.

PART NUMBER

SSF-H2230SUGD

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T-2mm DUAL TOWER, 1 UNIT, FRONT-BACK LEADS,

574nm GREEN LED, GREEN DIFFUSED LENS,

RELIABILITY NOTE
OUR MANY YEARS OF EXPERIENCE DATA ACCUMULATION INDICATE THAT SOLDER HEAT IS A MAJOR CAUSE OF EARLY AND FUTURE FAILURE. PLEASE PAY ATTENTION TO YOUR SOLDERING PROCESS.

DRAWN BY:

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CHECKED BY:

APPROVED BY:

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SCALE: N/A