PART NUMBER

SSF-LXH5147SUGD150

REV.

2x theta

4.70 [0.185] — 11.74 [0.462] — 0.76 [0.030] **-** 1.50 [0.059] ø1.80 [ø0.071] (4 PLS.) 2.54 [0.100] 11.18 [0.440] (3 PLS.) 1.78 [0.070] 3.81 [0.150] ANODE 0.40 [0.016] 4.96 [0.195] (8 PLS.) 0.50 [0.020] - 6.86 [0.270] (8 PLS.) — 8.76 [0.345] 2.54 [0.100] **—** 10.67 [0.420]

ELECTRO-OPTICAL CH	ARACTERISTIC	CS T _A = 25°C	$I_f = 20 \text{mA}$		
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		574	0.0	nm	
FORWARD VOLTAGE REVERSE VOLTAGE	5.0	2.2	2.6	V f V r	$I_r = 100 \mu A$
AXIAL INTENSITY		70		mcd	$I_f = 20 \text{mA}$

EMITTED COLOR: GREEN
EPOXY LENS FINISH: GREEN DIFFUSED

VIEWING ANGLE

LIMITS OF SAFE OPERATION AT 25°C PER DIE

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT (R/G/B)	30	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	- 1.2	mW/°C
OPERATING, STORAGE TEMP.	-40 TO +85	.C
SOLDERING TEMP.	+ 260	•C
2.0mm FROM BODY	3	SEC. MAX
1.1.10.0		

* t<10µS

*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= +DECIMAL PRECISION UNCONTROLLED DOCUMENT



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T-2mm QUAD TOWER FAULT INDICATOR, 574nm AlinGaP GREEN LED, GREEN DIFFUSED LENS.

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

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SISION OF VOOR VITTOLLED DOCOMETVE						
	DATE:	07.19.10	DRAWN BY:	AB		
	PAGE:	1 OF 1	CHKD BY:	KF		
	SCALE:	N/A	APRVD BY:	JD		
	UNIT: mm [INCH]		2			

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