ELECTRO-OPTICAL CHARACTERISTICS $T_A=25°C$ $I_f=20mA$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		574		nm	
FORWARD VOLTAGE		2.2	2.6	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_r=100\mu A$
AXIAL INTENSITY		70		mcd	$I_f=20mA$
VIEWING ANGLE		70		2x theta	
EMITTED COLOR:	GREEN				
EPOXY LENS FINISH:	GREEN DIFFUSED				

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

* $t<10\mu S$

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

5

1
2
3
4

+
+
+
+
+

UNCONTROLLED DOCUMENT

LUMEX®
Creating LED and LCD Solutions Together™

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

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.

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

Mouser Electronics

Authorized Distributor

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

[Lumex](#):
  [SSF-LXH5147SUGD150](#)