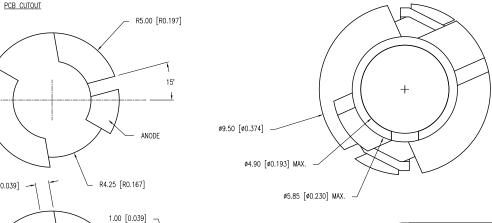
UNCONTROLLED DOCUMENT

1.00 [0.039] -

1.00 [0.039]

CATHODE

PART NUMBER	SNW-LX504SGT	REV.	В
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
10.06.11	E.C.N. #11761/ 10BRDR. & REDRAWN.		Α
08.26.14	E.C.N. #11907.		В



POLARITY	MARK —		7.10 [0.280]
9.50 [0.374]		[A] CATHODE	11.75 [0.463]

ELECTRO-OPTICAL	CHARACTERISTIC	CS TA=25°C	$I_f = 20 \text{mA}$		
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565		nm	
FORWARD VOLTAGE		2.2	2.6	V _f	
REVERSE VOLTAGE	5.0			V _r	I _r =100uA
axial intensity		100		mcd	I _f =20mA
VIEWING ANGLE		30		2x theta	
EMITTED COLOR:	GREEN				
EPOXY LENS FINIS	H: GREEN	TRANSPARENT			

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD VOLTAGE*	150	٧
STEADY CURRENT	25	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	-1.2	m₩/*C
OPERATING TEMP.	-40 TO +85	·c
STORAGE TEMP.	-40 TO +85	*C
SOLDERING TEMP.	+260	*C
2.0mm FROM BODY		3 SEC. MAX
* t<10uS		

NOTES:

- 1. SSH-NW504GW.
- 1. SST—NWOUT-UW.
 2. SSL—LX509TAB3SGT, GREEN LED.
 3. SMALL TAB IS ON THE LEFT OF POLARITY MARK AND BIG TAB IS ON THE RIGHT.

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50°

*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= $^{+DECIMAL}_{-0.00}$ PRECISION MAX.= $^{+0.00}_{-DECIMAL}$ PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= $^{+DECIMAL}_{-0.00}$ PRECISION MAX.= $^{+0.00}_{-DECIMAL}$ PRECISION T-5mm (T-1 3/4) NEO-WEDGE INDICATOR LED, 565nm SUPER GREEN LED, GREEN TRANSPARENT LENS.

> **THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.** CONFIDENTIAL INFORMATION
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	SCALE:		NTS		APRVD	BY:	KF
	UNIT:	mm [INCH]		Pb)			

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