



**THE DATASHEET OF
SSL-LX3044SRC/K**



PART NUMBER

SSL-LX3044SRC/K

REV.

ø2.90 [ø0.114]

ELECTRO-OPTICAL CHARACTERISTICS $T_p=25^{\circ}\text{C}$					
PARAMETER	MIN	TYPE	MAX	UNITS	TEST COND
PEAK WAVELENGTH		660		nm	
FORWARD VOLTAGE		2.1	2.5	V _f	I _f =10μA
REVERSE VOLTAGE	5.0			V _r	I _r =20mA
AXIAL INTENSITY	3100		4500	md	
VIEWING ANGLE			35	2x theta	
EMITTED COLOR:	RED				
LENS FINISH:	WATER CLEAR				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	75	mW
DERATE FROM 25°C	-1.6	mW/°C
OPERATING TEMP.	-40 TO +85	°C
STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY	3	SEC.

*I<10μs



1.50 [0.059]

1.00 [0.039]

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.= -0.00 DECEMAL PRECISION MAX.= +0.00 DECEMAL PRECISION

TYP. AVE.

PAN, L, 60188-4900

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3.15.2152

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/TW PHOTONICS GROUP

T-3mm (T-1) 660nm SUPER RED LED, WATER CLEAR LENS.

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

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CHKD BY: DT

SCALE: NTS

APRVD BY: DT

UNIT: mm [INCH]



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