

PART NUMBER SSI-LXMP059AD

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REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
Α	ADDED DIMS, NOTES AND UPDATED SPECS.	12.19.94
В	E.C.N. #10122.	6.27.96
С	E.C.N. #10BRDR. & REDRAWN IN 3D.	1.7.02

f = 20 mA

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		605		nm	
FORWARD VOLTAGE		2.0	2.5	Vf	
REVERSE VOLTAGE	5.0			٧r	1 _r =100,uA
AXIAL INTENSITY		5		mcd	$I_f = 20mA$
VIEWING ANGLE		110		2x theta	
EMITTED COLOR:	AMBER				
EPOXY LENS FINISH:	AMBER	DIFFUSED			

LIMITS OF SAFE OPERATION AT 25°C

DADAMETED	MAV	LINUTO
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	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<10µS

NOTES:

- 1. SSL-LX2573AD, AMBER LED.
- 2. SSH-LXMP059-HSG, BLACK HOUSING.
- 3. SSH-LXMP059-BSG, BLACK BUSHING.

U/VC U/V/AOL LED DOC UME/V/

*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 MAX.= +0.00 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN=+DECIMAL PRECISION MAX.= +0.00 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN=+DECIMAL PRECISION MAX.= +0.00 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN=+DECIMAL PRECISION MAX.= +0.00 (±0.005). MIN=+DECIMAL PRECISI

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605nm AMBER RECTANGULAR PANEL INDICATOR,

AMBER DIFFUSED LENS.

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1,25~3,00 [0,049~0,118]

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.



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PAGE: 1 OF 1
BC SCALE: N/A