UNCONTROLLED DOCUMENT	P/	ART NUMBER	REV.
	SSI –	-LX3044AD	С
		AND REVISION COMMEN	
		EDGE FROM FLANGE,	ITS DATE 4.28.92
	B UPDATED SPECS		11.28.94
		. & REDRAWN IN 3D.	5.8.01
Ø3.20 [Ø0.126] Ø2.90 [Ø0.114]			
(+)			
~			
	electro-optical characterisi	FICS TA=25°C If=20mA	
	PARAMETER MIN	TYP MAX UNITS	TEST COND
	PEAK WAVELENGTH	605 nm	
	Forward Voltage 5.0	2.1 2.5 V _f	L _100A
4.60 [0.181]	AXIAL INTENSITY	Vr 15 m.cd	I _f = 100µА If = 20mA
	VIEWING ANGLE	60 2x thet	
	Emitted Color: Amber		
MAX.	EPOXY LENS FINISH: AMBER D	IFFUSED	
27.00 [1.063]	LINITS OF SAFE OPERATION AT	25'C	
27.00 [1.063]	LIMITS OF SAFE OPERATION AT		
27.00 [1.063]	Limits of safe operation at parameter peak forward current*	25°C MAX 150	UNITS mA
	PARAMETER PEAK FORWARD CURRENT* STEADY CURRENT	MAX 150 30	mA mA
	PARAMETER PEAK FORWARD CURRENT* STEADY CURRENT POWER DISSIPATION	MAX 150 30 105	mA mA mW
	PARAMETER PEAK FORWARD CURRENT* STEADY CURRENT POWER DISSIPATION DERATE FROM 25°C	MAX 150 30 105 1.6	Am MA m₩ ℃
	PARAMETER PEAK FORWARD CURRENT* STEADY CURRENT POWER DISSIPATION DERATE FROM 25°C OPERATING, STORAGE TEMP.	MAX 150 30 105 - 1.6 - 40 T0 + 85	mA mA mW
ANDDE - 1.50 [0.059]	PARAMETER PEAK FORWARD CURRENT* STEADY CURRENT POWER DISSIPATION DERATE FROM 25°C	MAX 150 30 105 1.6	mA mA m₩ m₩/*C *C
ANDDE - 1.50 [0.059]	PARAMETER PEAK FORWARD CURRENT* STEADY CURRENT POWER DISSIPATION DERATE FROM 25°C OPERATING, STORAGE TEMP. SOLDERING TEMP.	MAX 150 30 105 - 1.6 - 40 T0 + 85	۳۸ ۳۸ ۳₩ ۳۷/°C ۲° ۲0
ANDDE - 1.50 [0.059]	PARAMETER PEAK FORWARD CURRENT* STEADY CURRENT POWER DISSIPATION DERATE FROM 25°C OPERATING, STORAGE TEMP. SOLDERING TEMP. 2.0mm FROM BODY	MAX 150 30 105 - 1.6 - 40 T0 + 85	۳۸ ۳۸ ۳₩ ۳۷/°C ۲° ۲0
ANDDE - 1.50 [0.059]	PARAMETER PEAK FORWARD CURRENT* STEADY CURRENT POWER DISSIPATION DERATE FROM 25°C OPERATING, STORAGE TEMP. SOLDERING TEMP. 2.0mm FROM BODY	MAX 150 30 105 - 1.6 - 40 T0 + 85	۳۸ ۳۸ ۳₩ ۳۷/°C ۲° ۲0
ANDDE - 1.50 [0.059]	PARAMETER PEAK FORWARD CURRENT* STEADY CURRENT POWER DISSIPATION DERATE FROM 25°C OPERATING, STORAGE TEMP. SOLDERING TEMP. 2.0mm FROM BODY	MAX 150 30 105 - 1.6 - 40 T0 + 85	۳۸ ۳۸ ۳₩ ۳۷/°C ۲° ۲0
ANDDE - 1.50 [0.059]	PARAMETER PEAK FORWARD CURRENT* STEADY CURRENT POWER DISSIPATION DERATE FROM 25°C OPERATING, STORAGE TEMP. SOLDERING TEMP. 2.0mm FROM BODY * t<10,JS	MAX 150 30 105 - 1.6 - 40 T0 + 85 + 260	mA mA mW mW/°C °C °C 3 SEC. MAX
ANDDE 0.50 [0.020] SQR. (2 PLS.) - 2.54 [0.100]	PARAMETER PEAK FORWARD CURRENT* STEADY CURRENT POWER DISSIPATION DERATE FROM 25°C OPERATING, STORAGE TEMP. SOLDERING TEMP. 2.0mm FROM BODY * t<10,45	MAX 150 30 105 -1.6 -40 T0 +85 +260 <i>TROLLED</i>	mA mA mW/°C °C °C <u>3 SEC. MAX</u>
ANDDE - 1.50 [0.059]	PARAMETER PEAK FORWARD CURRENT* STEADY CURRENT POWER DISSIPATION DERATE FROM 25°C OPERATING, STORAGE TEMP. SOLDERING TEMP. 2.0mm FROM BODY * t<10,45	MAX 150 30 105 -1.6 -40 T0 +85 +260 <i>TROLLED</i>	mA mA mW/°C °C °C <u>3 SEC. MAX</u>
ANDE ANDE I.50 [0.059] 0.50 [0.020] SQR. (2 PLS.) - 2.54 [0.100] *UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), XX=±0.5 (±0.020), XXX=±0.25 (±0.010), XXX=±0.127 (±0.020), XXX=±0.25 (±0.010), XXX=±0.25 (±0.010), XXX=±0.25 (±0.010), XXX=±0.127 (±0.020), XXX=±0.25 (±0.010), XXX=±0.25 (±0.010), XXX=±0.25 (±0.010), XXX=±0.127 (±0.020), XXX=±0.25 (±0.010), XXX=±0.25 (PARAMETER PEAK FORWARD CURRENT* STEADY CURRENT POWER DISSIPATION DERATE FROM 25°C OPERATING, STORAGE TEMP. SOLDERING TEMP. 2.0mm FROM BODY * t<10,45 * t<10,	MAX 150 30 105 -1.6 -40 T0 +85 +260 77702 ∠ ED 0.75 (±0.030). MN= ±0000 1000 PRECISION 290 E. HELEN ROA	mA mA mW mW/°C °C °C <u>3 SEC. MAX</u>
ANDDE ANDDE 0.50 [0.020] 0.50 [0.020] 0.50 [0.020] 4.150 [0.059] 0.50 [0.020] 4.150 [0.059] 4.150 [0.059] 4.150 [0.00] 4.150 [0.00]	PARAMETER PEAK FORWARD CURRENT* STEADY CURRENT POWER DISSIPATION DERATE FROM 25°C OPERATING, STORAGE TEMP. SOLDERING TEMP. 2.0mm FROM BODY * t<10,45 * t<10,45 EXAMPLE LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±1 FERTY OF BY LUNEX	MAX 150 30 105 −1.6 −40 T0 + 85 +260	mA mA mW mW/°C °C 3 SEC. MAX MAX.= +0.00 MAX.= +0.00 MAX.= +0.00 MAX.= +0.00 MAX.= € -0.00 MAX.= C
ANDDE ANDDE 1.50 [0.059] 0.50 [0.020] SQR. (2 PLS.) 2.54 [0.100] *UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), XX=±0.5 (±0.020), XXX=±0.25 (±0.010), XXX=±0.127 (±0.010), XXX=±0.25 (±0.010), XXX=±0.25 (±0.010), XXX=±0.127 (±0.010), XXX=±0.25 (PARAMETER PEAK FORWARD CURRENT* STEADY CURRENT POWER DISSIPATION DERATE FROM 25°C OPERATING, STORAGE TEMP. SOLDERING TEMP. 2.0mm FROM BODY * t<10,45 * t<10,45 ERRY OF BY LUMEX IMATION WHOLE OR	MAX 150 30 105 -1.6 -40 T0 + 85 +260 7ROLLED DO 0.75 (±0.030). MN= +0.00 290 E. HELEN ROAL PALATINE, IL 6006 PHONE: +1.847.359 U\$ WEB: www.jume)	mA mA mW mW/°C °C 3 SEC. MAX № иах.= +0.00 3 SEC. MAX № иах.= +0.00 3 SEC. MAX С 0 7-6976 0.2790 К.серт
ANDDE Image: I	PARAMETER PEAK FORWARD CURRENT* STEADY CURRENT POWER DISSIPATION DERATE FROM 25'C OPERATING, STORAGE TEMP. SOLDERING TEMP. 2.0mm FROM BODY * t<10,45 EDROMON BY: CHECKE	MAX 150 30 105 -1.6 -40 T0 + 85 +260	mA mA mW mW/°C °C 3 SEC. MAX MAX.= +0.00 3 SEC. MAX MAX.= +0.00 C 3 SEC. MAX MAX.= +0.00 C 3 SEC. MAX C 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
ANDDE ANDDE ANDDE ANDDE C SSL-LX3044AD ANDDE	PARAMETER PEAK FORWARD CURRENT* STEADY CURRENT POWER DISSIPATION DERATE FROM 25°C OPERATING, STORAGE TEMP. SOLDERING TEMP. 2.0mm FROM BODY * t<10,45 CUNCONT * t<10,45 CUNCONT * t<10,45 CHECKE ATE THAT ALLARE DRAWN BY: CHECKE	MAX 150 30 105 −1.6 −40 T0 + 85 + 260 290 E. HELEN ROAL PALATINE, IL 6006 PHONE: +1.847.359 US WEB: www.lumex TW WEB: www.lumex TW WEB: www.lumex	mA mA mW mW/°C °C 3 SEC. MAX MAX.= +0.00 3 SEC. MAX MAX.= +0.00 C 3 SEC. MAX MAX.= +0.00 C 3 SEC. MAX C 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

Mouser Electronics

Authorized Distributor

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

Lumex: SSL-LX3044AD