UNCONTROLLED DOCUMENT



ø7.50 [ø0.295] ————————————————————————————————————	electro-optical Ch	IARACTERIST	ICS TA=2	15°C I ₁	r=20mA	
	PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
Ø4.70 [Ø0.185]	PEAK WAVELENGTH		635		nm	
	FORWARD VOLTAGE		2.0	2.5	Vf	
((((+))))	REVERSE VOLTAGE	5.0			٧r	lr=100μΑ
	AXIAL INTENSITY		40		mcd	lf=20mA
	VIEWING ANGLE		60		2x theta	
\sim	EMITTED COLOR:	RED				
	EPOXY LENS FINISH:	red diffu	JSED			
$[1.50\ [0.059]$ $($ $3.50\ [0.138]$						
	LIMITS OF SAFE OPEN	RATION AT 2	25°C			
	PARAMETER			MAX		UNITS
	PEAK FORWARD CURF	RENT*		150		mA
	STEADY CURRENT			30		mA
	POWER DISSIPATION			105		тW
	DERATE FROM 25'C			- 1.2		m₩/°C
	OPERATING, STORAGE	TEMP.	-	-40 TO +8	5	' C
	Soldering Temp.			+ 260		' C
	2.0mm FROM BODY					3 SEC. MAX
Ø7.50 [0.295] —	* t<10µS					
	<u>Notes:</u>					
304.80 [12.000]	1. SSL-LX509F3ID LED			nm.		
	2. SSH-LXH9 BLACK				-	
	3. ANODE LEAD: LXP- RED INSULATION,	WS124RD10	C, 24 AW	IG STRANDE	D'	
	CUT 315mm LONG.	STRIP ONF		IY 2mm		
	4. CATHODE LEAD; LX	P-W\$T24BL1	FOC, 24 /	AWG STRAN	DED,	
	BLACK INSULATION,					
	CUT 315mm LONG,					
	5. CRIMP WIRE LEADS		U LEAUS.			
	/ / /	$\cap \cap \Lambda/7$			החח	CUMENT
*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), XX=±0.5 (±0.020), XXX=±0.25 (±0.01D), XXXX=±0.127 (±0.005).				. <i></i> \+DECIN	L/ () (IAL PRECISION	ン(ノ/ <i>V</i> //////
UNIESS VITEWING STEWIEV INCENNING STEWIEV INCENNING PER VENNING ARE AFII (INNO), XAXIII (INNO), XAXIII (INNO),	LEAU JIZE=IV.VJ (IV.VVZ), LE	₩ LENGIH=IU	./3 (±0000	/ WIN= -0.00		MAA DECIMAL PRECISION

ELECTRO-OPTICAL CH	LECTRO-OPTICAL CHARACTERISTICS TA=25°C			lf=20mA		
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND	
PEAK WAVELENGTH		635		nm		
FORWARD VOLTAGE		2.0	Z.5	٧f		
REVERSE VOLTAGE	5.0			٧r	lr=100μΑ	
AXIAL INTENSITY		40		med	lf=20mA	
VIEWING ANGLE		60		2x theta		
EMITTED COLOR:	RED					
EPOXY LENS FINISH:	RED DIF	FUSED				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY GURRENT	30	mA
POWER DISSIPATION	105	тW
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<10.5		

NOTES:

- 2. SSH-LXH9 BLACK RUBBER HOUSING.
- 3. ANODE LEAD: LXP-WST24RDTOC, 24 AWG STRANDED, RED INSULATION,
 - CUT 315mm LONG, STRIP ONE END ONLY, 2mm.
- 4. CATHODE LEAD; LXP-WST24BLTOC, 24 AWG STRANDED, BLACK INSULATION,



RE	V. PART NUMBER	<u>confidential information</u> The information contained in this document is the property of			90 E. HELEN ROAD ALATINE. IL 60067—6976		
	SSI-LXH9ID-315NS	LUMEX NG. EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY LUNEX INC., THE HOLDER OF THIS DOCUMENT SHALL KEEP ALL INFORMATION CONTAINED HEREIN CONFIDENTIAL AND SHALL PROTECT SAME IN WHOLE OR IN PART FROM IDSCIENCE AND DOSSENNATION TO ALL THRO PARTIES.	We Take Abapans To Mar	PHC US	DNE: +1.847.359.2 WEB: www.lumex. WEB: www.lumex.	2790 com	
	T-5mm (T-1 3/4) PANEL INDICATOR LED, 635nm RED,	<u>Relability note</u> Our nany years of experience data accumulation indicate that	DRAWN BY:		APPROVED BY: D	ATE: 9.17.01	
	RED DIFFUSED LENS, WITH 12" WIRE LEADS.	Solder heat is a major cause of early and future failure. Please pay attention to your soldering process.	СТ			PAGE: 1 OF 1 SCALE: N/A	

REV.

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