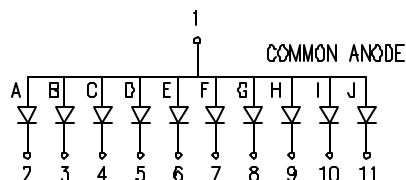
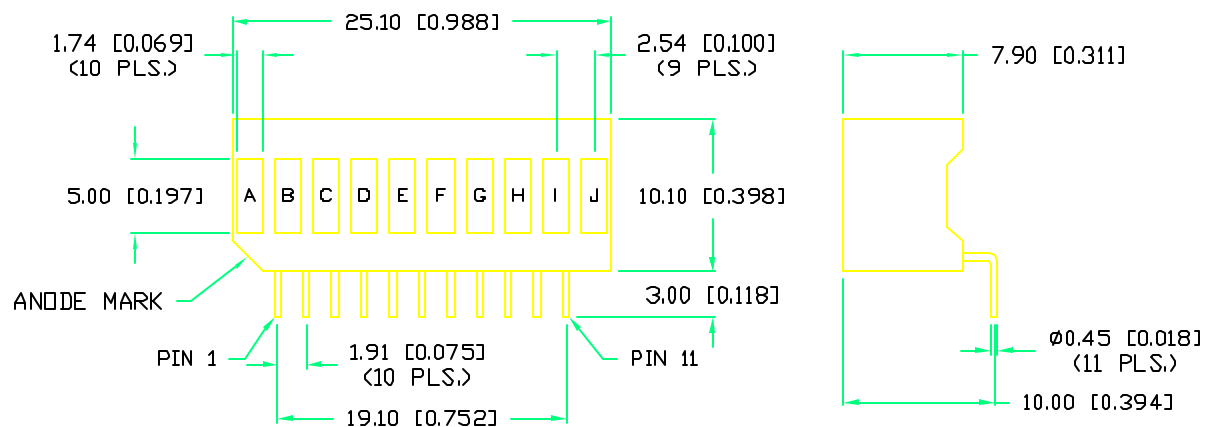


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PART NUMBER		REV.
SSA-LXB10YW-RA		A
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #10BRDR. & REDRAWN./	5-12-99



ELECTRO-OPTICAL CHARACTERISTICS T <sub>A</sub> =25°C			I <sub>f</sub> =20mA	
PARAMETER	MIN	TYP	MAX	UNITS TEST COND
PEAK WAVELENGTH		585 (YELLOW)		nm
FORWARD VOLTAGE		2.1	2.5	V <sub>f</sub>
REVERSE VOLTAGE	5.0			V <sub>r</sub>
AXIAL INTENSITY		8		mcd I <sub>r</sub> =100μA
VIEWING ANGLE		160		2x theta I <sub>f</sub> =20mA
EMITTED COLOR:	YELLOW			
EPOXY LENS FINISH:	MILKY WHITE DIFFUSED			
FACE COLOR:	GRAY			

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

\*  $t < 10\mu\text{s}$

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\*UNLESS OTHERWISE SPECIFIED TOLERANCE IS  $\pm 0.25\text{mm}$  ( $\pm 0.010"$ )

REV. A	PART NUMBER SSA-LXB10YW-RA	<div>CONFIDENTIAL INFORMATION</div> <div>THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF LUMEX INC. EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY LUMEX INC., THE HOLDER OF THIS DOCUMENT SHALL KEEP ALL INFORMATION CONTAINED HEREIN CONFIDENTIAL AND SHALL PROTECT SAME IN WHOLE OR IN PART FROM DISCLOSURE AND DISSEMINATION TO ALL THIRD PARTIES.</div>		<div>LUMEX INCORPORATED</div> <div>290 E. HELLEN ROAD PALATINE, ILLINOIS 60067 PHONE: 1-847-359-2790 WEB: HTTP://WWW.LUMEX.COM</div>
10 ELEMENT ARRAY, 585nm YELLOW CHIPS, GRAY FACE WITH MILKY WHITE DIFFUSED EPOXY, RIGHT ANGLE.		<div>RELIABILITY NOTE</div> <div>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.</div>	<div>DRAWN BY:  BC</div>	<div>CHECKED BY:</div> <div>APPROVED BY:</div> <div>DATE: 10-28-95  PAGE: 1 OF 1  SCALE: N/A</div>

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