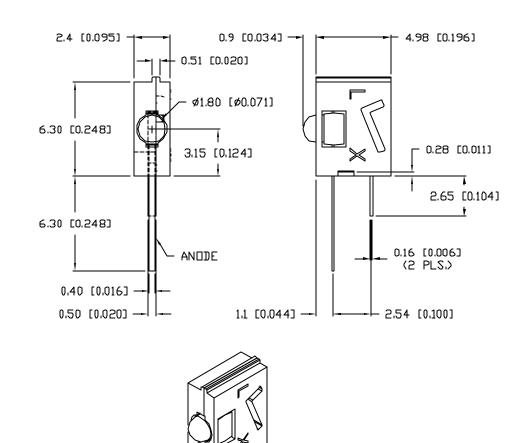
## UNCONTROLLED DOCUMENT



PART NUMBER SSF-LXH555USBW

ELECTRO-OPTICAL CH	ARACTERIS	TICS TA=25"	2	lf=20mA	
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		470		nm	
FORWARD VOLTAGE		3.5	4.0	۷f	
REVERSE VOLTAGE	5.0			٧r	lr=1⊡0µA
AXIAL INTENSITY		40		mcd	lf=20mA
VIEWING ANGLE		6D		2x theta	
Emitted Color:	BLUE				
EPOXY LENS FINISH:	MILKY W	HITE DIFFUS	ED		

## LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	100	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	100	тW
DERATE FROM 25°C	-1.2	m₩/°C
OPERATING, STORAGE TEMP.	- 40 TO + 85	<b>'</b> C
Soldering temp.	+ 260	<b>'</b> C
2.0mm FROM BODY		3 SEC. MAX
* 1/10.0		

\$u<10 \*

NOTES:

1. SSH-LXH555 HOLDER, BLACK NYLON. 2. SSL-LXA227USBW LED.

<u>CAUTION: STATIC SENSITIVE DEVICE</u> FOLLOW PROPER E.S.D. HANDLING PROCEDURES WHEN WORKING WITH THIS PART.

## UNCONTROLLED\_DOCUMENT

'unless otherwise specified tolerances fer decimal precision are; x=±1 (±0.03	9), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±0.127 (±0.005).	AD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75	$(\pm 0.030)$ . MN= $+0.00$ Max.= $+0.00$ Max.= $-0.00$ Max.= $-0.00$
PART NUMBER	<u>Confidential information</u> The information contained in this document is the property of	LIMEY	290 E. HELEN ROAD PALATINE, IL 60067—6976
SSF-LXH555USBW	LUMEX NG. EXCEPT AS SPECIFICALLY AUTHORAZED IN WRITING BY LUMEX INC, THE HOLDER OF THIS DOCUMENT SHALL KEEP ALL INFORMATION CONTAINED HEREIN CONFIDENTIAL AND SHALL PROTECT SAME IN WHOLE OR		PHONE: +1.847.359.2790 US WEB: www.lumex.com

T-1.8mm SINGLE RIGHT ANGLE INDICATOR,

REV.

ULTRA SUPER BLUE, MILKY WHITE DIFFUSED.

IN PART FROM DISCLOSURE AND DISSEMINATION TO ALL THRO PARTIES. <u>RELABILITY NOTE</u> OUR NAMY YEARS OF EXPERENCE DATA ACCUMULATION INDICATE THAT SOLDER HEAT IS A MAJOR CAUSE OF EARLY AND FUTURE FAILURE. PLEASE PAY ATTENTION TO YOUR SOLDERING PROCESS.

DRAWN BY: CHECKED BY: APPROVED BY: DATE:	
CT C	: 1 OF 1

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