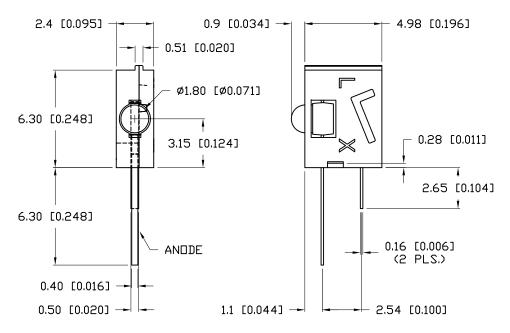
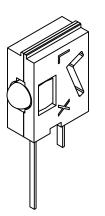
PART NUMBER	SSF-LXH555PGD	REV.	Α
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
03.01.13	E.C.N. #10BRDR. & REDRAWN.		Α

Α





ELECTRO-OPTICAL CH	ARACTER	STICS TA=25°0	2	$I_f = 20 \text{mA}$	
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		555		nm	
FORWARD VOLTAGE		2.2	2.4	٧f	
REVERSE VOLTAGE	5.0			V_r	I _r =100μΑ
AXIAL INTENSITY		25		mcd	$I_f = 20 \text{mA}$
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	GREEN				
EPOXY LENS FINISH:	GREEN	DIFFUSED			

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	200	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	100	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. SSH-LXH555 HOLDER, BLACK NYLON.
- 2. SSL-LXA227PGD LED.

*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= $^{+DECIMAL}_{-0.00}$ PRECISION MAX.= $^{+0.00}_{-DECIMAL}$ PRECISION



425 N. GARY AVE. CAROL STREAM, II. 60188-4900 PHONE: +1.800.278.5666 FAX: +1.630.315.2152 WEB: WWW.LUMEX.COM MEMBER OF *ITW* PHOTONICS GROUP T-1.8mm SINGLE RIGHT ANGLE INDICATOR, PURE GREEN DIFFUSED.

THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.

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	SCALE:	NTS	APRVD BY:	SS
	UNIT:	mm [INCH]	Pb	

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