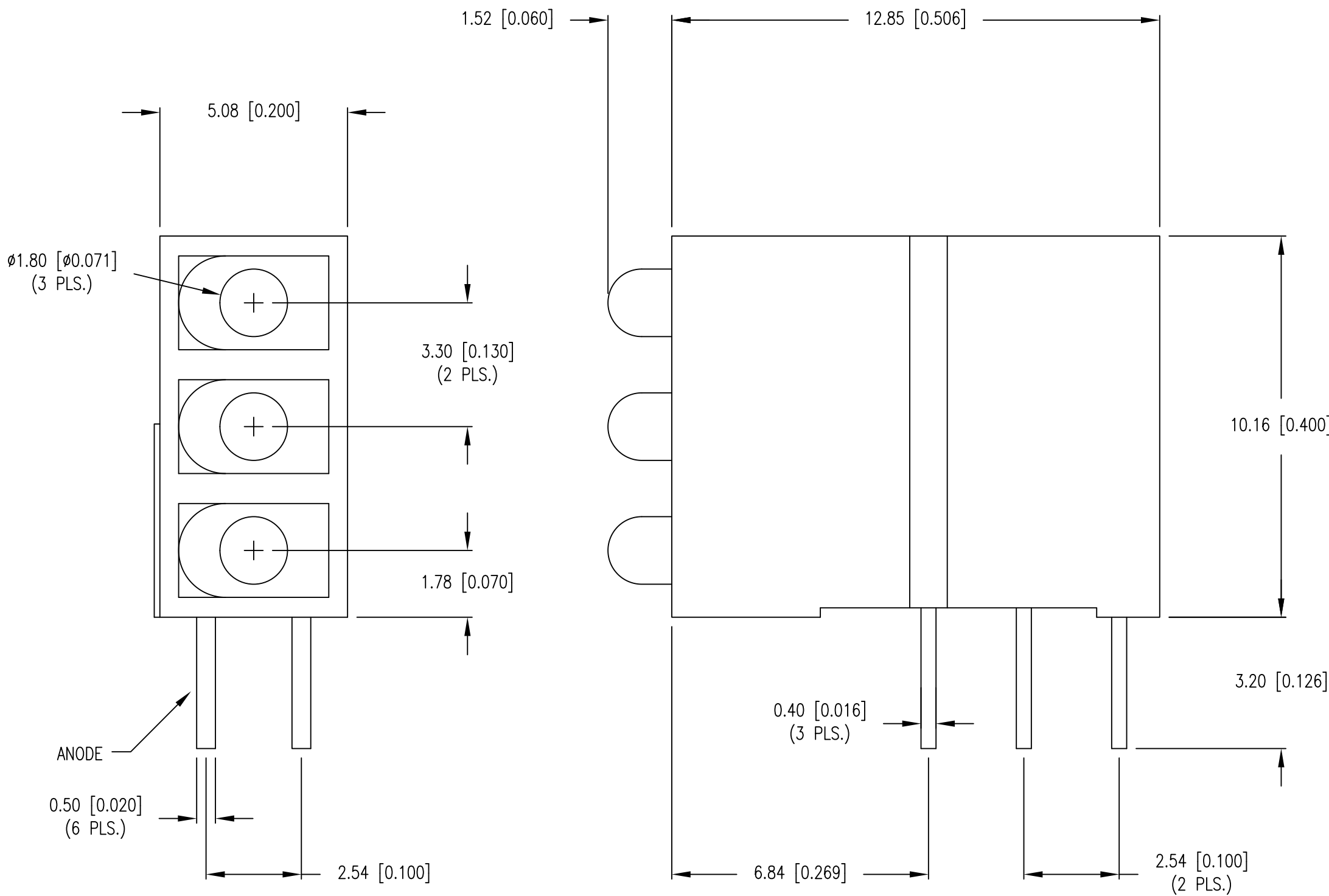


PART NUMBER	SSF-LXH513USB	REV.	B
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
02.14.13	E.C.N. #10BRDR. & REDRAWN/ E.C.N. #11851.		A
03.14.18	ECN-Lumex201800047		B



ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		460		nm	If=20mA
FORWARD VOLTAGE		3.3	4.0	Vf	If=20mA
REVERSE CURRENT			50	uA	Vr=5V
AXIAL INTENSITY		100		mcd	If=20mA
VIEWING ANGLE		70		2x theta	
EMITTED COLOR:	BLUE				
LENS FINISH:	DIFFUSED SAME AS EMITTED COLOR				

LIMITS OF SAFE OPERATION AT 25°C		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	100	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	120	mW
REVERSE VOLTAGE	5.0	V
OPERATING TEMP.	-40 TO +85	°C
STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.**	3SEC MAX @+260	°C
* t<10μS		
** 2.0mm FROM BODY		

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



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T-2mm TRI TOWER, SINGLE UNIT, SIDE-BY-SIDE LEADS, 460nm ULTRA SUPER BLUE, BLUE DIFFUSED.

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

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DATE:	03.14.18	DRAWN BY:	E.C.
PAGE:	1 OF 1	CHKD BY:	E.C.
SCALE:	NTS	APRVD BY:	G.Y.
UNIT:	mm [INCH]		(P)