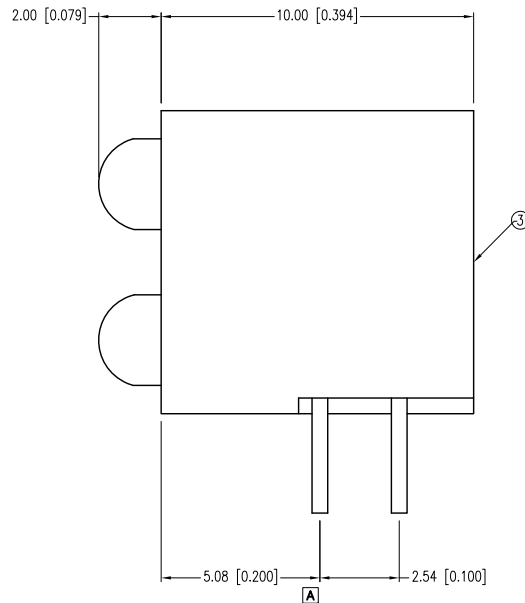
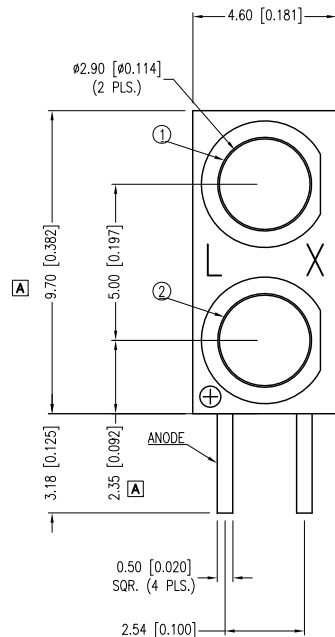


PART NUMBER	SSF-LXH2103IGD/2	REV.	B
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
08.11.98	E.C.N. #10449 & #10BRDR. & REDRAWN.		A
12.11.12	E.C.N. #10BRDR. & REDRAWN.		B

A



ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=20mA

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH (R/G)		635/565		nm	
FORWARD VOLTAGE (R/G)		2.0/2.2	2.5/2.6	Vf	
REVERSE VOLTAGE	5.0			Vr	If=100μA
AXIAL INTENSITY (R/G)		40/30		mcd	If=20mA
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	POSITION 1-RED POSITION 2-GREEN POSITION 1-RED DIFFUSED POSITION 2-GREEN DIFFUSED				
LENS FINISH:					

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*		150	mA
STEADY CURRENT	(R/G)	25/30	mA
POWER DISSIPATION		105	mW
DERATE FROM 25°C		-1.6	mW/°C
OPERATING TEMP.		-40 TO +85	°C
STORAGE TEMP.		-40 TO +85	°C
SOLDERING TEMP.		+260	°C
2.0mm FROM BODY		3	SEC.

* t<10μS

NOTES:

1. SSL-LX3044ID, RED LED.
2. SSL-LX3044GD, GREEN LED.
3. SSH-LXH2103 HOLDER.

*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 PRECISION MAX.= +DECIMAL PRECISION -0.00 -DECIMAL PRECISION

UNCONTROLLED DOCUMENT



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T-3mm(T-1) LED, PIGGY-BACK HOLDER, POS.1:RED LED, RED DIFF LENS, POS.2:GREEN LED, GREEN DIFF LENS.

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

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DATE:	12.11.12	DRAWN BY:	MA
PAGE:	1 OF 1	CHKD BY:	KF
SCALE:	NTS	APRVD BY:	KF
UNIT:	mm [INCH]		Ⓟ