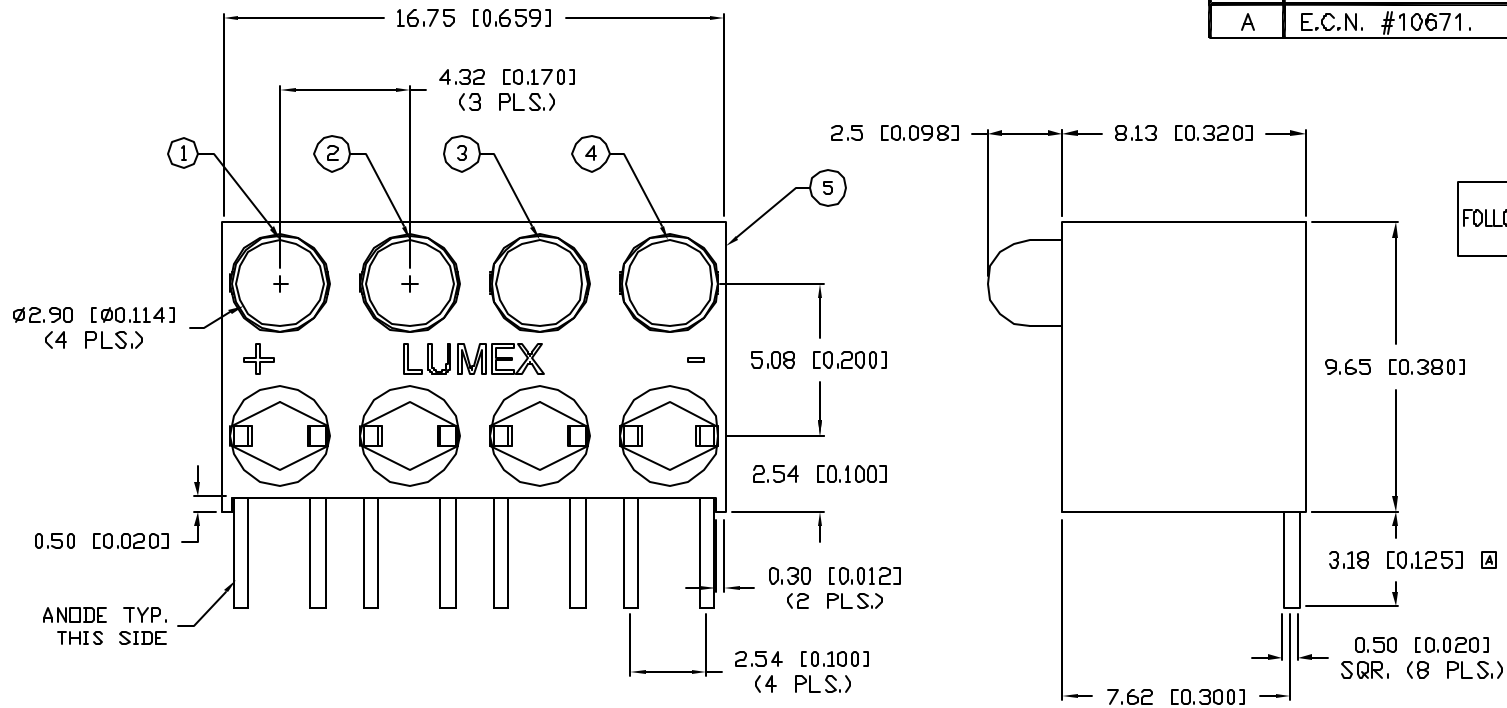


UNCONTROLLED DOCUMENT

PART NUMBER		REV.
SSF-LXH42103BGYIDT		A
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #10671.	10.13.00



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

NOTES:

1. SSL-LX3044SBD/A, SUPER BLUE LED.
2. SSL-LX3044GD, GREEN LED.
3. SSL-LX3044YD, YELLOW LED.
4. SSL-LX3044RD, RED LED.
5. SSH-LXH42103, HOLDER.
6. NO LEDS IN BOTTOM ROW.
7. PARTS ARE TO BE SUPPLIED IN TUBES.

ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$						$I_f=20\text{mA}$	
PARAMETER	BLUE	GREEN	YELLOW	RED	UNITS	TEST COND	
PEAK WAVELENGTH	430	565	585	635	nm		
FORWARD VOLTAGE (TYP.)	4.5	2.2	2.1	2.0	nm		
FORWARD VOLTAGE (MAX.)	5.5	2.6	2.5	2.5	V _f		
REVERSE VOLTAGE	5.0	5.0	5.0	5.0	V _r	$I_f=100\mu\text{A}$	
AXIAL INTENSITY	25	30	30	40	mcd	$I_f=20\text{mA}$	
VIEWING ANGLE	60	60	60	60	2x theta		
LED POSITION:	1	2	3	4			
EPOXY LENS FINISH: DIFFUSED SAME AS EMITTED COLOR							

LIMITS OF SAFE OPERATION AT 25°C			
PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*	(B/G/Y/R)	100/150/150/150	mA
STEADY CURRENT	(B/G/Y/R)	30/25/30/30	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

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

UNCONTROLLED DOCUMENT

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), XX=±0.5 (±0.020), XXX=±0.25 (±0.010), XXXX=±0.127 (±0.005), LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030), MIN.=^{+DECIMAL PRECISION}_{-0.00}, MAX.=^{+0.00}_{-DECIMAL PRECISION}

REV.	PART NUMBER
A	SSF-LXH42103BGYIDT
T-3mm (T-1) RIGHT ANGLE FAULT INDICATOR, 4 LEDS, POS.1: BLUE DIFFUSED, POS.2: GREEN DIFFUSED, POS.3: YELLOW DIFFUSED, POS.4: RED DIFFUSED.	

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RELIABILITY NOTE
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.

LUMEX INCORPORATED

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KS/BC			PAGE: 1 OF 1
			SCALE: N/A