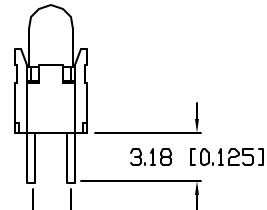
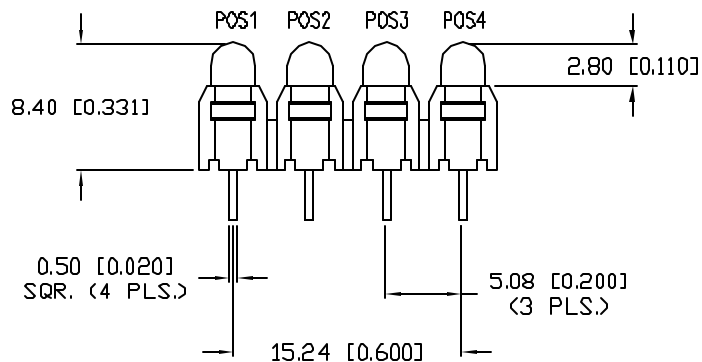
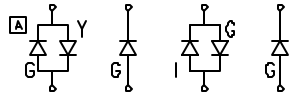
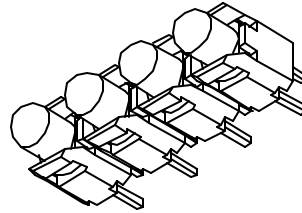
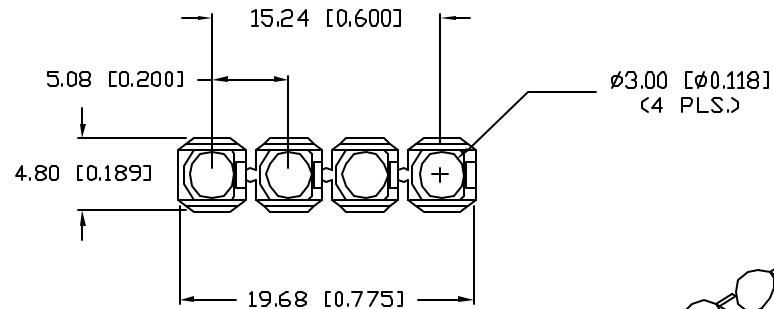


UNCONTROLLED DOCUMENT



NOTES:

- 1. SSL-LX305C4GYW. (1 PC.) (POS. 1)
- 2. SSL-LX305C4GW. (2 PCS.) (POS. 2, POS. 4)
- 3. SSL-LX305C4IGW. (1 PC.) (POS. 3)
- 4. SSH-H0430 HOLDER, BLACK NYLON.

PART NUMBER		REV.
SSA-H0430-242232		B
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #10831.	12.17.01
B	E.C.N. #10838.	12.17.01

ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $I_f=20\text{mA}$

PARAMETER	GREEN	RED	YELLOW	UNITS	TEST COND
PEAK WAVELENGTH	565	635	585	nm	
FORWARD VOLTAGE (TYP.)	2.2	2.0	2.1	V _f	
FORWARD VOLTAGE (MAX.)	2.6	2.5	2.5	V _f	
REVERSE VOLTAGE	5.0	5.0	5.0	V _r	$I_f=100\mu\text{A}$
AXIAL INTENSITY	20	30	30	mcd	$I_f=20\text{mA}$
VIEWING ANGLE	60	60	60	2x theta	
EPOXY LENS FINISH: MILKY WHITE DIFFUSED					

LIMITS OF SAFE OPERATION AT 25°C PER DIE

PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*		150	mA
STEADY CURRENT	(R/G/Y)	30/25/30	mA
POWER DISSIPATION		105	mW
DERATE FROM 25°C		-1.2	mW/ $^\circ\text{C}$
OPERATING, STORAGE TEMP.		-40 TO +85	$^\circ\text{C}$
SOLDERING TEMP.		+260	$^\circ\text{C}$
2.0mm FROM BODY			3 SEC. MAX

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

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

REV.

B

PART NUMBER

SSA-H0430-242232

T-3mm 4 LED ARRAY,
POS.1: BICOLOR GREEN/YELLOW,
POS.2,4: GREEN, POS.3: BICOLOR RED/GREEN,

CONFIDENTIAL INFORMATION

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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.



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CHECKED BY:

APPROVED BY:

DATE: 11.6.01

PAGE: 1 OF 1

SCALE: N/A