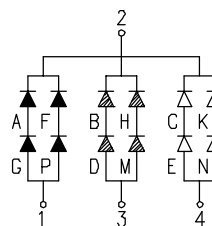


SSB-LX3208SISYUEGW

PRELIMINARY IN P/N DIR

▲ RED
 ▲ YELLOW
 ▲ GREEN

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

PARAMETER	RED	YELLOW	GREEN	UNITS	TEST COND
PEAK WAVELENGTH	636	590	505	nm	
FORWARD VOLTAGE (TYP.)	2.0	2.0	3.5	V_f	
FORWARD VOLTAGE (MAX.)	2.5	2.5	4.0	V_f	
REVERSE VOLTAGE	5.0	5.0	5.0	V_r	$I_r=100\mu\text{A}$
AXIAL INTENSITY	TBA	TBA	TBA	mcd	$I_f=20\text{mA}$
VIEWING ANGLE	TBA	TBA	TBA	2x theta	
EPOXY LENS FINISH:	MILKY WHITE DIFFUSED				
FACE COLOR:	BLACK				

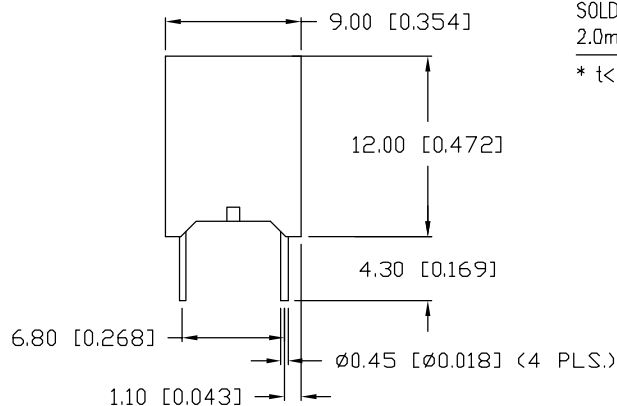
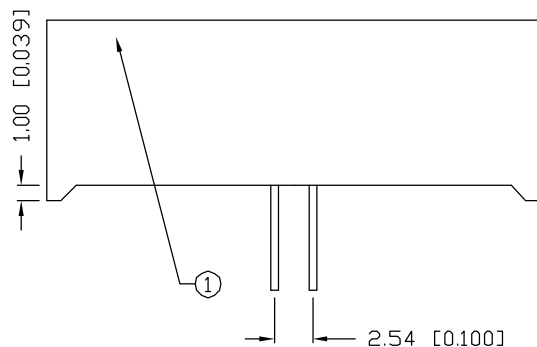
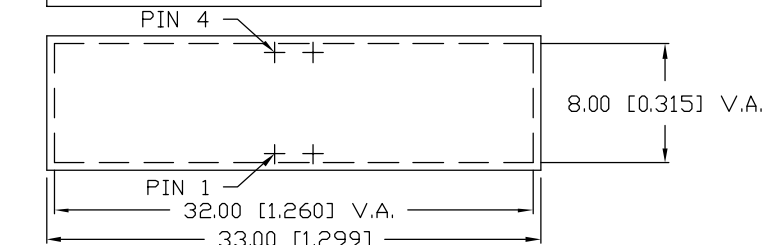
LIMITS OF SAFE OPERATION AT 25°C PER CHIP

PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*		80	mA
STEADY CURRENT		20	mA
POWER DISSIPATION	(R/Y/G)	75/75/105	mW
DERATE FROM 25°C		1.2	$\text{mW}/^\circ\text{C}$
OPERATING, STORAGE TEMP.		-40 TO +85	$^\circ\text{C}$
SOLDERING TEMP.		+260	$^\circ\text{C}$
2.0mm FROM BODY			3 SEC. MAX

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

NOTES:

1. LUMEX P/N, DATE CODE, AND BIN CODE.



*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.=+0.00 -DECIMAL PRECISION

REV.

PART NUMBER

SSB-LX3208SISYUEGW

32x8mm CHIPS ON BOARD LIGHT BAR,
 636nm RED/ 590nm YELLOW/ 505nm GREEN,
 MILKY WHITE DIFFUSED, BLACK FACE,

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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DATE: 01.28.09

PAGE: 1 OF 1

SCALE: N/A