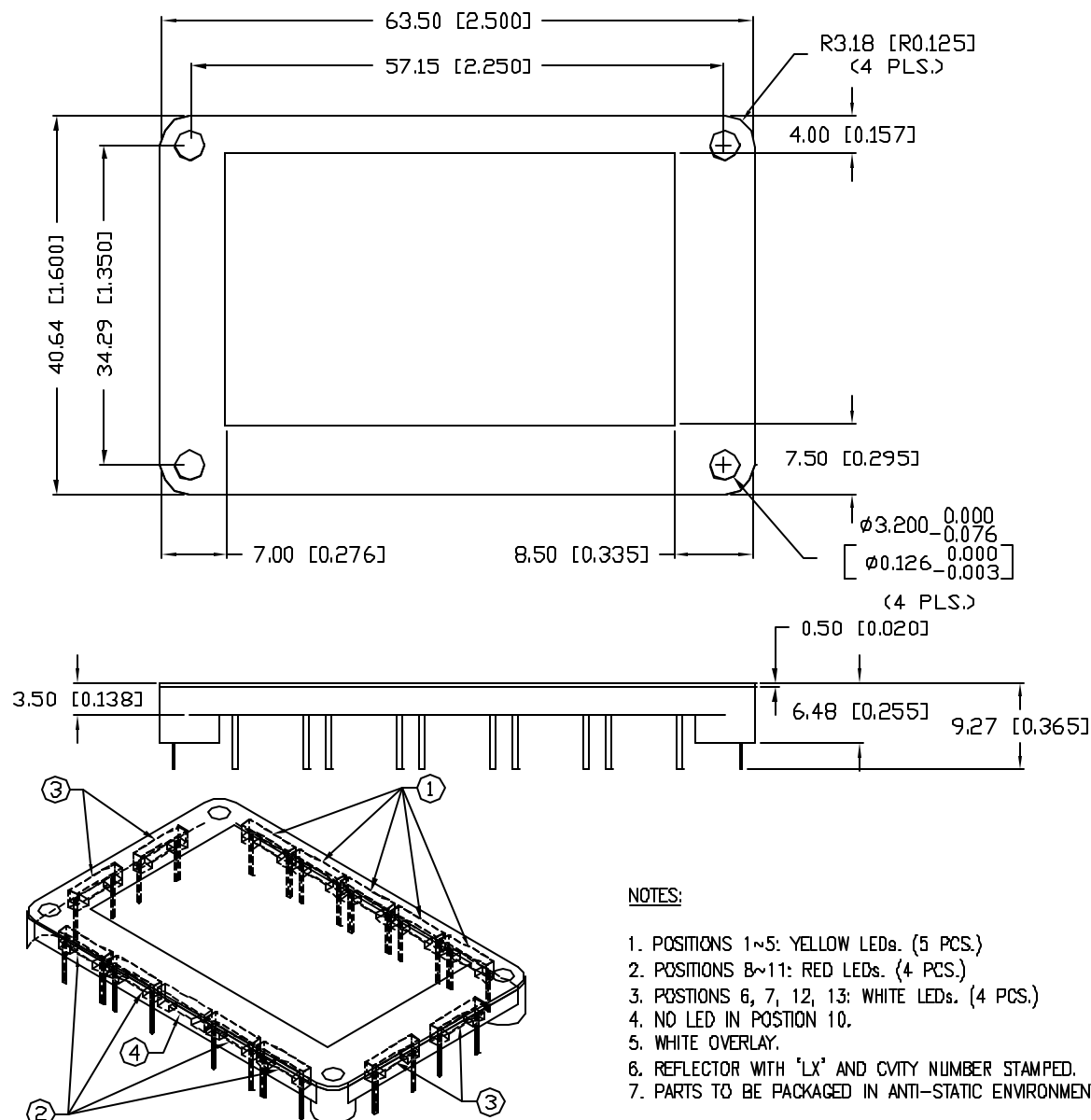


UNCONTROLLED DOCUMENT



NOTES:

1. POSITIONS 1~5: YELLOW LEDs. {5 PCS.}
2. POSITIONS 8~11: RED LEDs. {4 PCS.}
3. POSITIONS 6, 7, 12, 13: WHITE LEDs. {4 PCS.}
4. NO LED IN POSITION 10.
5. WHITE OVERLAY.
6. REFLECTOR WITH 'LX' AND CUVITY NUMBER STAMPED.
7. PARTS TO BE PACKAGED IN ANTI-STATIC ENVIRONMENT.

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

REV.

PART NUMBER

SSB-DL4828SYSRUW

CUSTOM RED/YELLOW/WHITE BACKLIGHT,
CALIX P/N: 601-00033 REV 11.

CONFIDENTIAL INFORMATION

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.

PART NUMBER

SSB-DL4828SYSRUW

REV.

ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^{\circ}\text{C}$				PER LED	$I_f=20\text{ mA}$
PARAMETER	YELLOW	WHITE	RED	UNITS	TEST COND
PEAK WAVELENGTH	590	550	660	nm	
FORWARD VOLTAGE (TYP.)	4.2	7.2	3.6	V_f	
FORWARD VOLTAGE (MAX.)	5.0	8.0	4.6	V_f	
REVERSE VOLTAGE	10.0	10.0	2.0	V_r	$I_r=100\mu\text{A}$
LUMINOUS INTENSITY	150	120	150	mcd	$I_f=20\text{mA}$
LED POSITION:	1~5	6,7,13,14	8,9,11,12		
REFLECTOR FINISH:	WHITE DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C PER CHIP

PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*		150	mA
STEADY CURRENT		30	mA
POWER DISSIPATION	(R/Y/W)	100/105/105	mW
DERATE FROM 25°C		-0.25	mW/°C
OPERATING TEMP.		-20 TO +70	°C
STORAGE TEMP.		-40 TO +80	°C
SOLDERING TEMP.		+240	°C
2.0mm FROM BODY			3 SEC. MAX

* $t < 10 \mu s$

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

UNCONTROLLED DOCUMENT

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INCORPORATED

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DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE: 12.27.00
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PAGE: 1 OF 1

SCALE: N/A

SS/BC