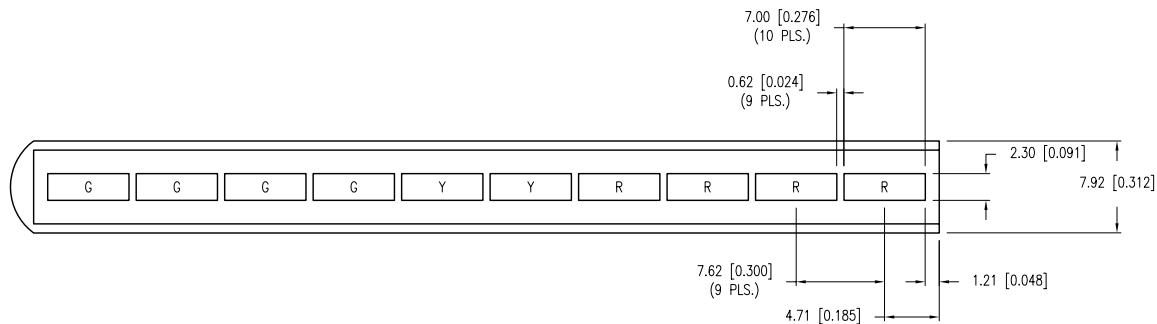
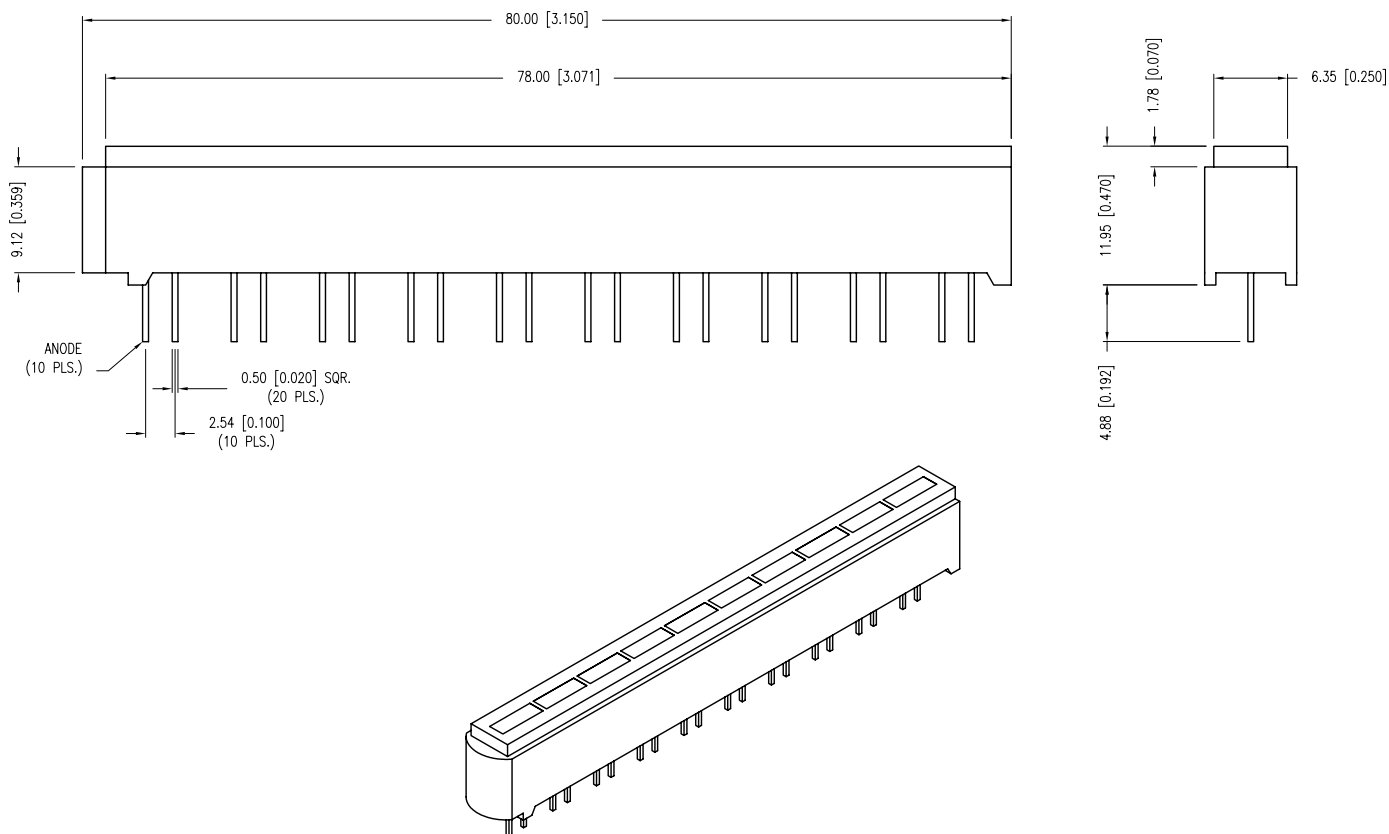


PART NUMBER	SSA-LXB1027G4Y2SR4	REV.	D
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
04.24.96	E.C.N. #10113 & #10151.		A
08.27.96	E.C.N. #10233 & #10113.		B
01.10.01	E.C.N. #10702.		C
01.08.08	E.C.N. #11468.		D



ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $I_f=20\text{mA}$					
PARAMETER	GREEN	YELLOW	RED	UNITS	TEST COND
PEAK WAVELENGTH	565	585	660	nm	
FORWARD VOLTAGE (TYP)	2.1	2.1	1.7	V_f	
FORWARD VOLTAGE (MAX)	2.6	2.5	2.5	V_f	
REVERSE VOLTAGE	5.0	5.0	4.0	V_r	$I_f=100\mu\text{A}$
AXIAL INTENSITY	12	12	80	mcd	$I_f=20\text{mA}$
VIEWING ANGLE	80	80	80	2x theta	
LED POSITION	1-4	5-6	7-10		
EPOXY LENS FINISH:	DIFFUSED SAME AS EMITTED COLOR				



LIMITS OF SAFE OPERATION AT 25°C PER CHIP		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT (G/R/Y)	25/30/30	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING TEMP.	-40 TO +85	°C
STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY		3 SEC. MAX

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

NOTES:

- SSH-LXH1027 HOLDER, COLOR BLACK.
- SSL-LX25783GD LED. (4 PCS.)
SSL-LX25783YD LED. (2 PCS.)
SSL-LX25783SRD LED. (4 PCS.)
- SORT GREEN LEDS FOR INTENSITY PER SPP 0203.
SORT RED LEDS FOR INTENSITY PER SPP 0401.
SORT YELLOW LEDS FOR INTENSITY PER SPP 0304.
- UV LOCTITE 352.
- ARRAY TO BE PACKED IN GROUPS: 1, 2 & 3.

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

UNCONTROLLED DOCUMENT



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LED ARRAY, 10 UNIT 2.5mm x 7mm RECTANGULAR LEDS.

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

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DATE:	10.21.11	DRAWN BY:	AB
PAGE:	1 OF 1	CHKD BY:	KF
SCALE:	NTS	APRVD BY:	SS
UNIT:	mm [INCH]		Ⓟ