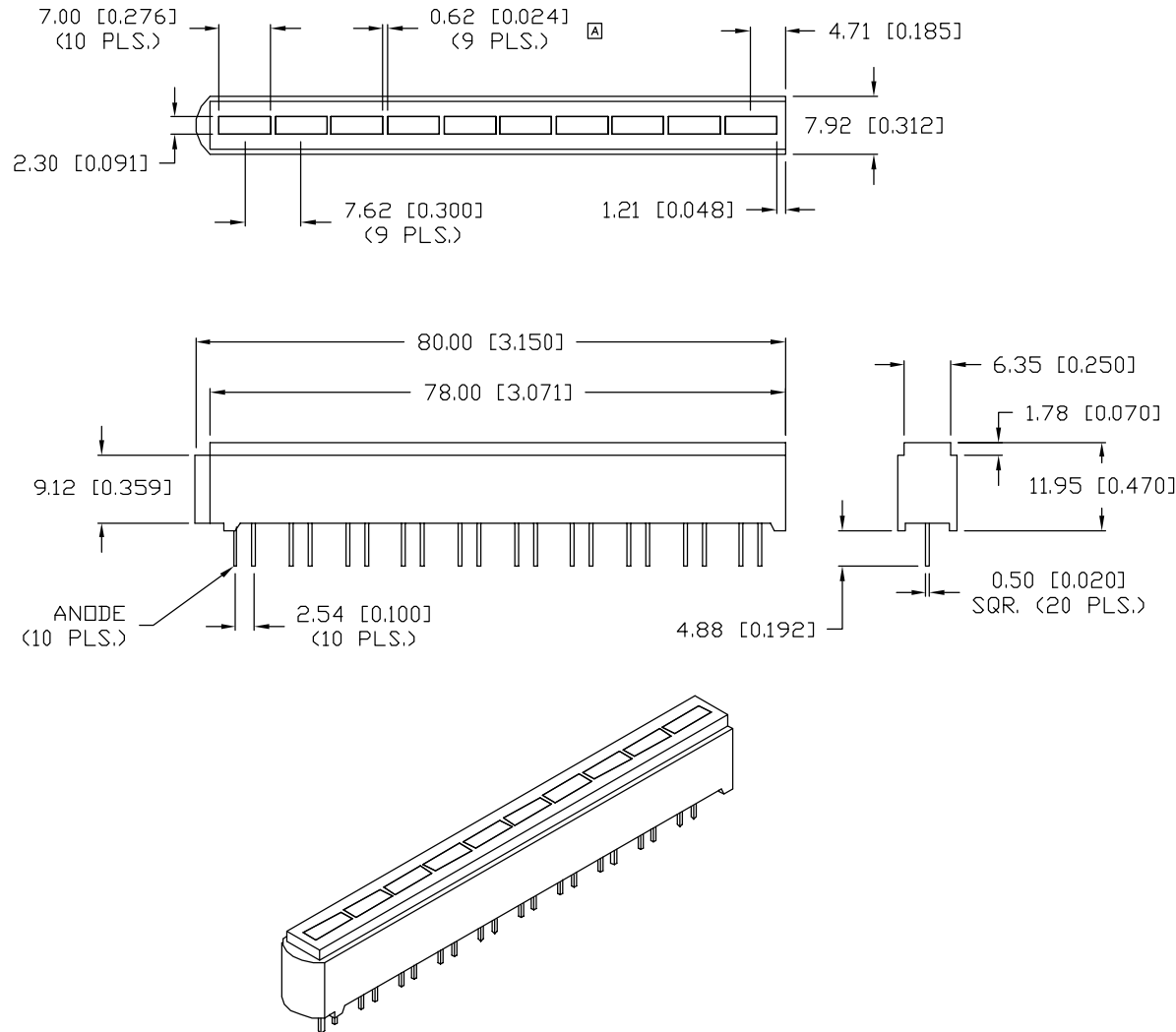


UNCONTROLLED DOCUMENT



PART NUMBER			REV.
SSA-LXB1027G6Y1I3D			A
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE	
A	E.C.N. #10702	1.10.01	

ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $I_f=20\text{mA}$				
PARAMETER	GREEN	YELLOW	RED	UNITS
PEAK WAVELENGTH	565	585	635	nm
FORWARD VOLTAGE (TYP.)	2.1	2.1	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
AXIAL INTENSITY	9	9	15	mcd
VIEWING ANGLE	160	160	160	$2 \times \theta$
LED POSITION:	1-6	7	8-10	
EPOXY LENS FINISH: DIFFUSED SAME AS EMITTED COLOR				

LIMITS OF SAFE OPERATION AT 25°C PER LED			
PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*		150	mA
STEADY CURRENT	(G/Y/R)	25/30/30	mA
POWER DISSIPATION		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:

- SSH-LXH1027 HOLDER, COLOR BLACK.
- SSL-LX2578GD LED. (6 PCS.)
- SSL-LX2578YD LED. (1 PCS.)
- SSL-LX2578ID LED. (3 PCS.)

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*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.	PART NUMBER
A	SSA-LXB1027G6Y1I3D

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

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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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