

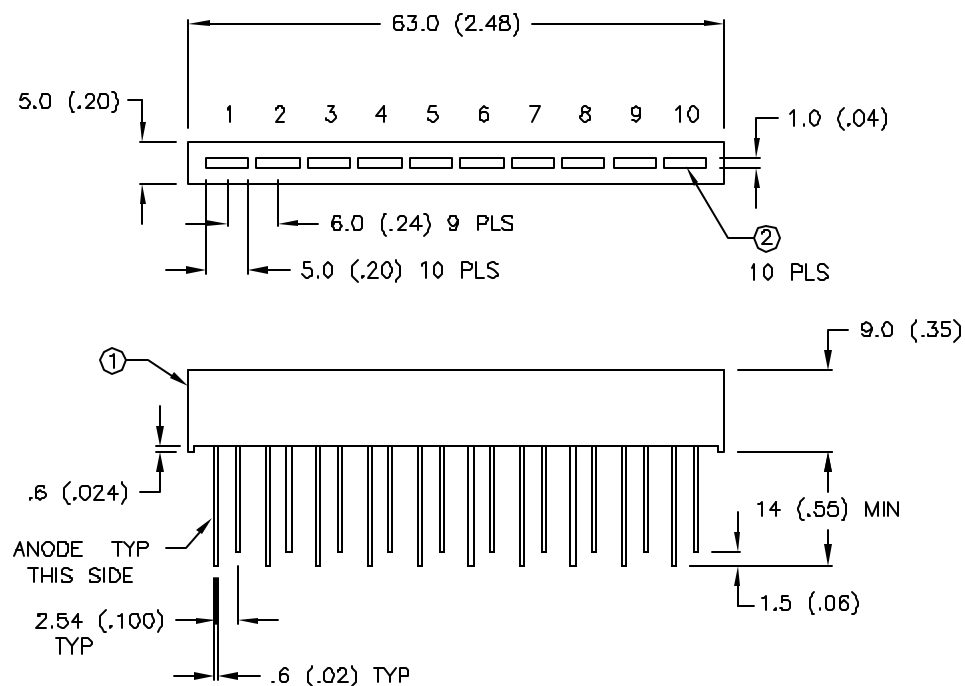
DATE

REVISIONS

REV

DRAWING NUMBER
SSA-LXB103Y9R1-BB

REV



BILL OF MATERIALS:

- SSH-LXB103 HOLDER, BLACK.
- SSL-LX1583 SERIES LED.

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

PARAMETER	RED	YELLOW	UNITS
PEAK COLOR WAVELENGTH	655	585	nm
FORWARD VOLTS (TYP)	1.7	2.3	V_f
LIGHT OUTPUT (TYP)	1.8	3.0	mcd
REVERSE VOLTS @100 μA	5.0	5.0	V_r MIN
LED POSITION	10	1-9	
VIEWING ANGLE (TYP)	80	80	2x theta
EPOXY LENS FINISH	POS 1-10, TINTED, DIFFUSED		

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	155	mA
STEADY CURRENT	30	mA
POWER DISSIPATION PER LED	110	mW
DERATE FROM 25°C	-1.2	mW/ $^\circ\text{C}$
OPERATING, STORAGE TEMP.	-55 TO +100	$^\circ\text{C}$
LEAD SOLDERING TEMP.	+260	$^\circ\text{C}$
1.6mm FROM BODY		5 SEC. MAX



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DATE: 1-04-94

DWN:

CHK'D:

APPD:

SCALE: DO NOT SCALE DWG

10 LED ARRAY, 1mm x 5mm RECTANGULAR

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