

DATE

REVISIONS

REV

DRAWING NUMBER  
SSA-LXB103-G9YD-BB

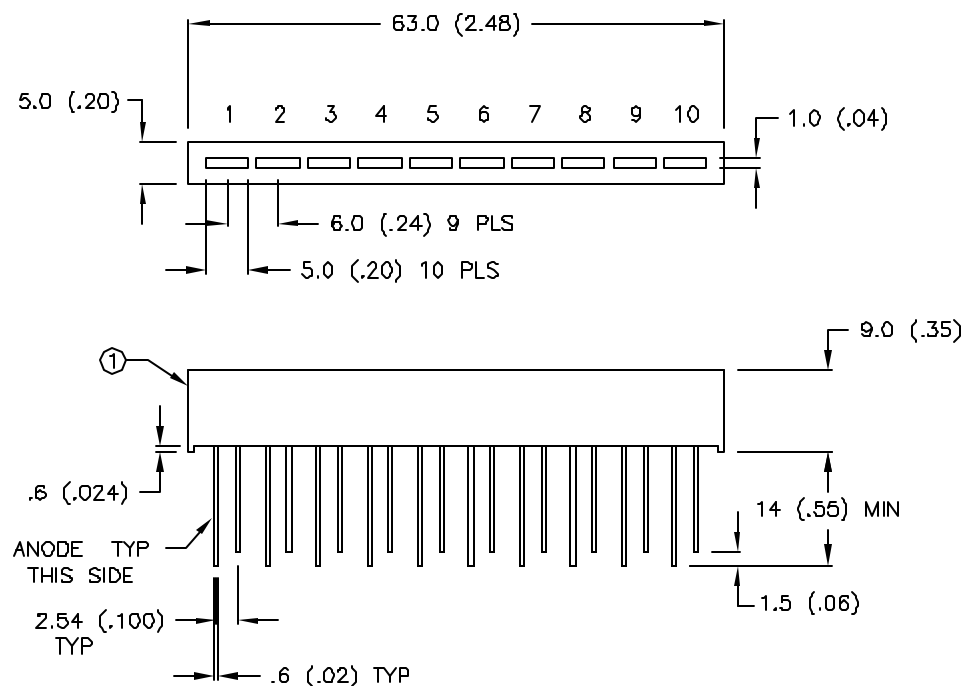
REV

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

PARAMETER	GREEN	YELLOW	UNITS
PEAK COLOR WAVELENGTH	565	585	nm
FORWARD VOLTS (TYP)	2.2	2.3	$V_f$
LIGHT OUTPUT (TYP)	3.0	3.0	mcd
REVERSE VOLTS @100 $\mu\text{A}$	5.0	5.0	$V_r$ MIN
LED POSITION	1-9	10	
VIEWING ANGLE (TYP)	80	80	2x theta
EPOXY LENS FINISH	POS 1-10, TINTED, DIFFUSED		

LIMITS OF SAFE OPERATION AT  $25^{\circ}\text{C}$ 

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT (C/Y)	25/30	mA
POWER DISSIPATION PER LED	105	mW
DERATE FROM $25^{\circ}\text{C}$	-1.2	mW/ $^{\circ}\text{C}$
OPERATING, STORAGE TEMP.	-40 TO +85	$^{\circ}\text{C}$
LEAD SOLDERING TEMP.	+260	$^{\circ}\text{C}$
2.0mm FROM BODY		3 SEC. MAX



## BILL OF MATERIALS:

- SSH-LXB103 HOLDER, BLACK.
- SSL-LX1583GD (9 PCS.)
- SSL-LX1583YD (1 PC.)



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DATE: 4-7-95

DWN:

CHK'D:

APPD:

SCALE: DO NOT SCALE DWG

10 LED ARRAY, 1mm x 5mm RECTANGULAR,  
9 GREEN 1 YELLOW DIFFUSED

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# Mouser Electronics

Authorized Distributor

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