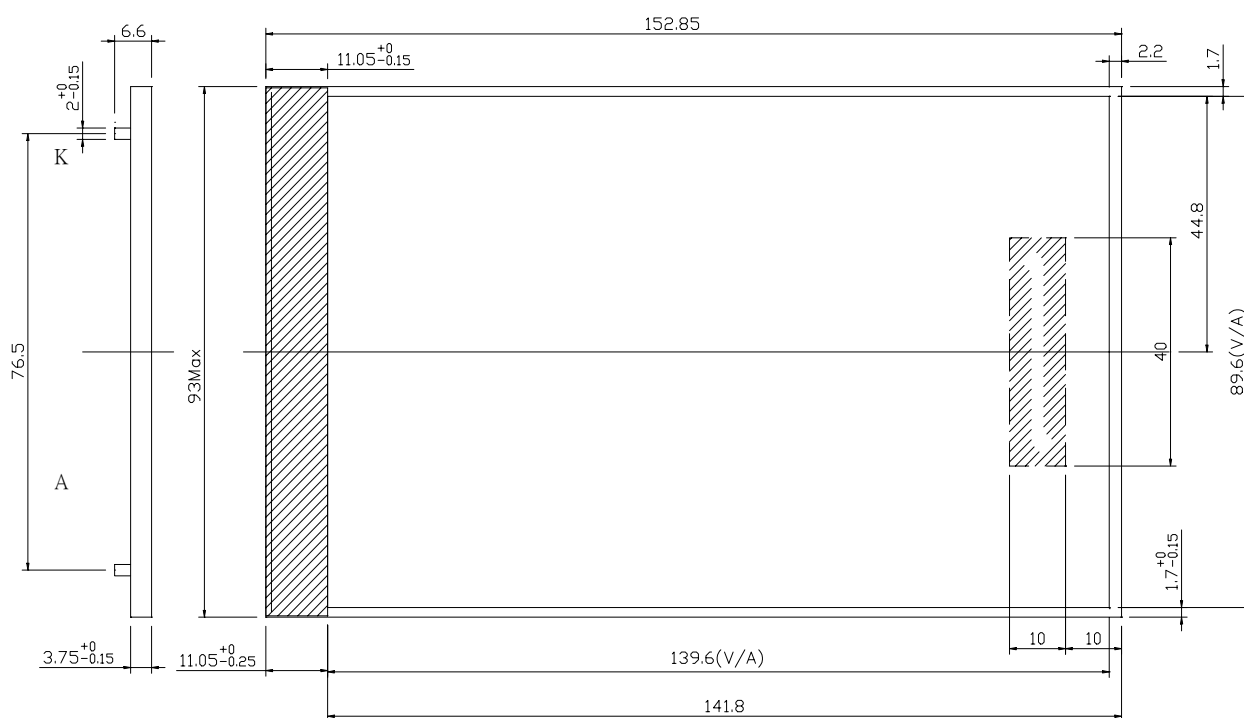




SHINING LIGHT TECHNOLOGY CO., LTD.

PART NO:SLS-153093A-08W

Mechanical Dimensions



Note: Dimension in millimeters, and tolerance is ± 0.35 unless otherwise noted.

***8 X 1 = 8 (Dice Numbers)**

***Absolute Maximum Rating**

Parameter	Symbol	Rating
Peak Forward Current	I_F	240mA
Reverse Voltage	V_R	5V
Power Dissipation	P_O	1.2(W)
Operating Temperature	T_{opr}	-20 to +70(°C)
Storage Temperature	T_{stg}	-30 to +80(°C)

Uniformity =75%



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Electrical/Optical Characteristics

Parameter	Symbol	Rating			Test Condition	Unit
		MIN.	TYP.	MAX.		
Forward Voltage	V_F	-	3.5	4.0	$I_F=160mA$	V
AVG X of 1931 C.I.E.	X	0.282	0.312	0.342	$I_F=20mA/per\ dice$	nm
AVG Y of 1931 C.I.E.	Y	0.264	0.294	0.324	$I_F=20mA/per\ dice$	nm
Reverse Current	I_R	-	-	0.7	$V_R=5V$	mA
Luminous Intensity		210	285	-	$I_F=160mA$	cd/m ²
Uniformity *1		-	75	-	$I_F=160mA$	%

*1 : Uniformity =min/max x 100%