

# MICRO ELECTRONICS

**2021-1G**  
(ME2021-1G)  
**LED BACKLIGHT**  
**FOR LCD DISPLAY**

## ABSOLUTE MAXIMUM RATINGS

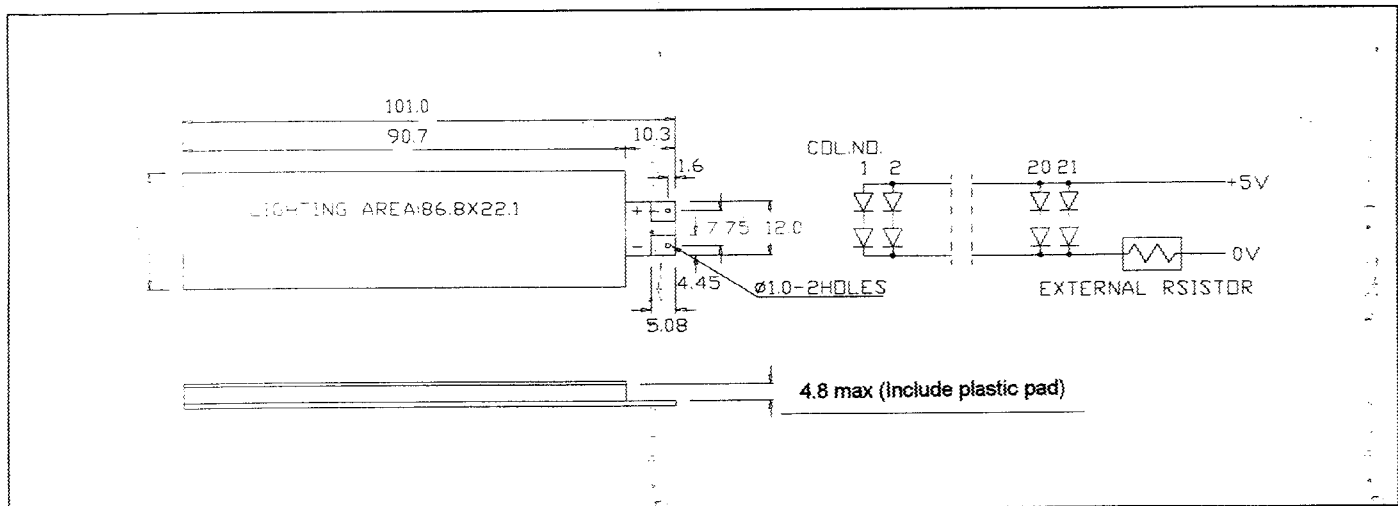
Forward Current	$I_F$	420mA
Reverse Voltage	$V_R$	10V
Operating Temperature	$T_{opr}$	-20 to +70°C
Storage Temperature	$T_{stg}$	-30 to +80°C

## ELECTRO-OPTICAL CHARACTERISTICS ( $T_a=25^\circ\text{C}$ )

PARAMETER	SYMBOL	MIN	TYP	MAX	UNIT	CONDITIONS
Forward Voltage	$V_F$	3.8	4.1	4.4	V	$I_F=210\text{mA}$
Reverse Current	$I_R$			210	$\mu\text{A}$	$V_R=10\text{V}$
Peak Wavelength	$\lambda_p$		565		nm	$I_F=210\text{mA}$
Spectral Line Half Width	$\Delta\lambda$		40		nm	$I_F=210\text{mA}$
Brightness	B	60			$\text{cd}/\text{m}^2$	$I_F=210\text{mA}$

## MECHANICAL OUTLINE

## CIRCUIT DIAGRAM



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