

# MICRO ELECTRONICS

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

## ABSOLUTE MAXIMUM RATINGS

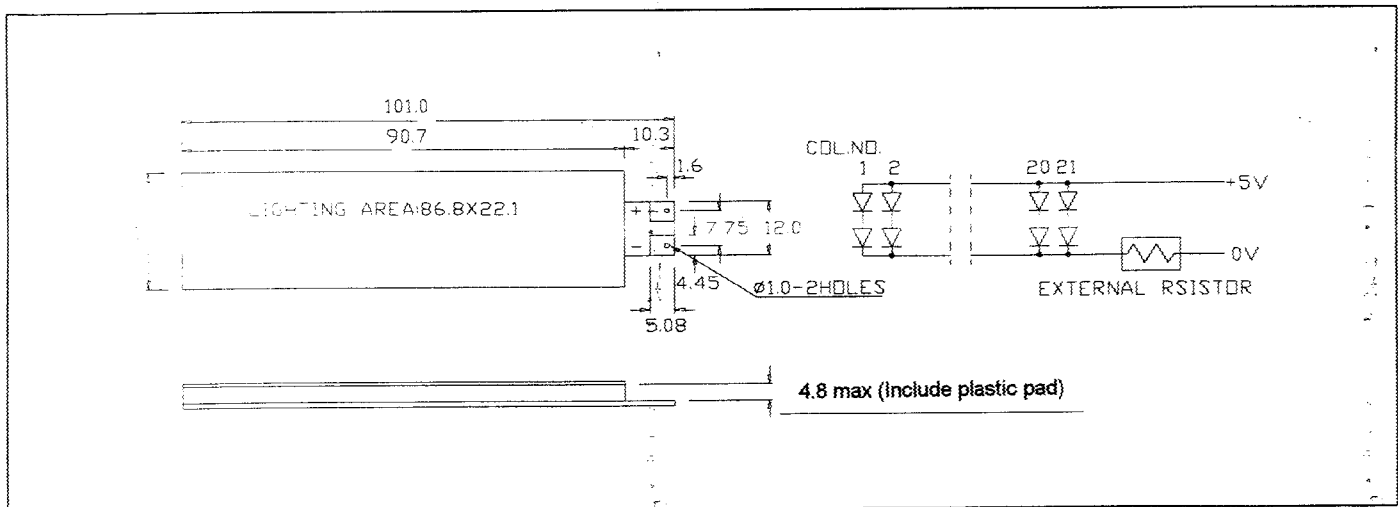
Forward Current	$I_F$	420mA
Reverse Voltage	$V_R$	10V
Operating Temperature	$T_{opr}$	-20 to +70°C
Storage Temperature	$T_{stg}$	-30 to +80°C

## ELECTRO-OPTICAL CHARACTERISTICS (Ta=25°C)

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

## MECHANICAL OUTLINE

## CIRCUIT DIAGRAM



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