

# MICRO

ELECTRONICS

INT4003G

LED BACKLIGHT  
FOR LCD DISPLAY

## ABSOLUTE MAXIMUM RATINGS

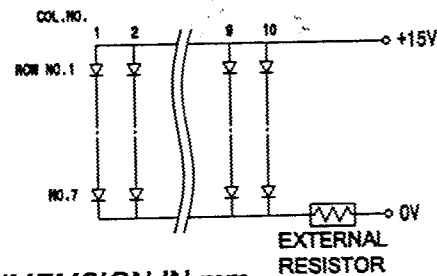
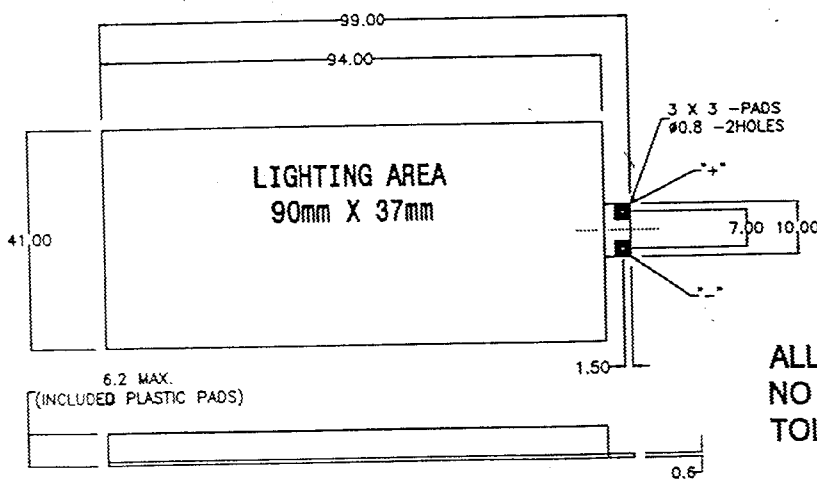
Forward Current	$I_F$	100mA
Reverse Voltage	$V_R$	15V
Operating Temperature	$T_{opr}$	-20 to +70°C
Storage Temperature	$T_{stg}$	-30 to +80°C

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

PARAMETER	SYMBOL	MIN	TYP	MAX	UNIT	CONDITIONS
Forward Voltage	$V_F$	13.3	14.7	15.5	V	$I_F=100\text{mA}$
Reverse Current	$I_R$			100	$\mu\text{A}$	$V_R=15\text{V}$
Peak Wavelength	$\lambda_p$		565		nm	$I_F=100\text{mA}$
Spectral Line Half Width	$\Delta\lambda$		40		nm	$I_F=100\text{mA}$
Brightness	B	40	150		$\text{cd/m}^2$	$I_F=100\text{mA}$

## MECHANICAL OUTLINE

## CIRCUIT DIAGRAM



ALL DIMENSION IN mm  
NO SCALE  
TOL. : +/-0.3MM



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Rev A