

MICRO ELECTRONICS

1641G

LED BACKLIGHT
FOR LCD DISPLAY

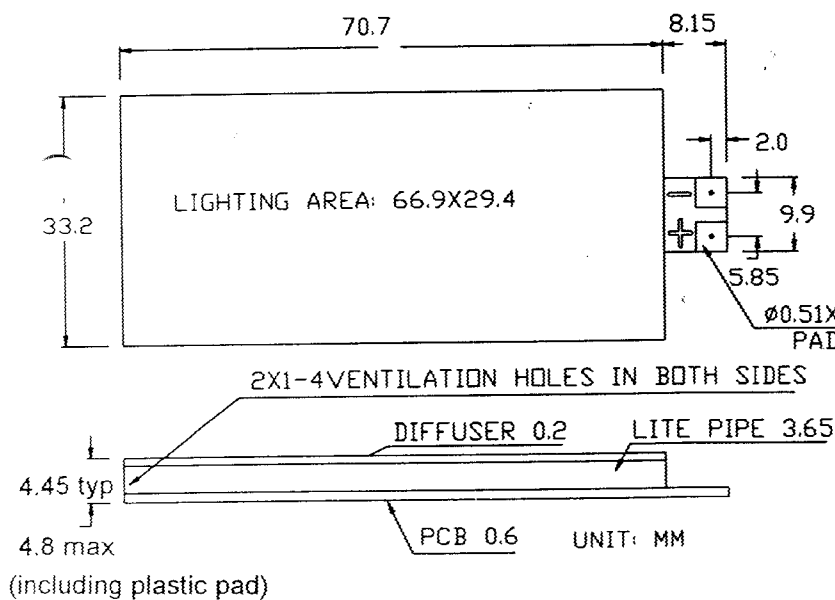
ABSOLUTE MAXIMUM RATINGS

Forward Current	I_F	440mA
Reverse Voltage	V_R	10V
Operating Temperature	T_{opr}	-20 to +70°C
Storage Temperature	T_{stg}	-30 to +80°C

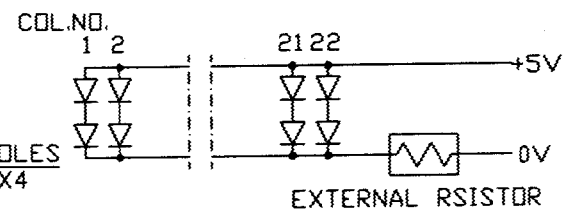
ELECTRO-OPTICAL CHARACTERISTICS (Ta=25°C)

PARAMETER	SYMBOL	MIN	TYP	MAX	UNIT	CONDITIONS
Forward Voltage	V_F	3.8	4.1	4.4	V	$I_F=220mA$
Reverse Current	I_R			220	μA	$V_R=10V$
Peak Wavelength	λ_p		565		nm	$I_F=220mA$
Spectral Line Half Width	$\Delta\lambda$		40		nm	$I_F=220mA$
Brightness	B	60			cd/m ²	$I_F=220mA$

MECHANICAL OUTLINE



CIRCUIT DIAGRAM



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