MICRO ELECTRONICS

1623RO
1623Y
LED BACKLIGHT
FOR LCD DISPLAY

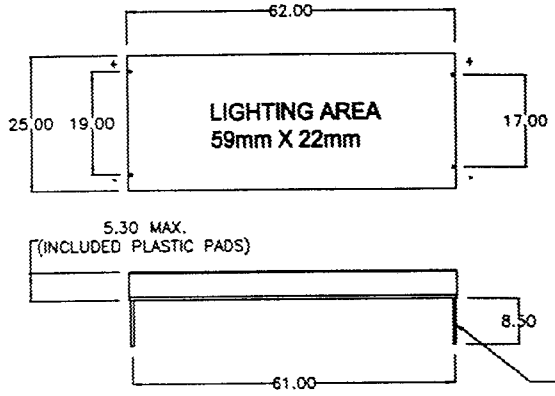
ABSOLUTE MAXIMUM RATINGS

Forward Current	I_F	200mA
Reverse Voltage	V_R	10V
Operating Temperature	T_{opr}	-20 to +70°C
Storage Temperature	T_{stg}	-30 to +80°C

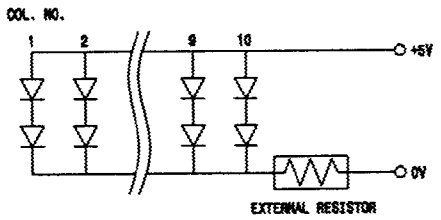
ELECTRO-OPTICAL CHARACTERISTICS (Ta=25°C)

PARAMETER		SYMBOL	MIN	TYP	MAX	UNIT	CONDITIONS
Forward Voltage	1623R	V_F	3.6	3.9	5	V	I_F=100mA
	1623RO		3.6	3.9	5		
	1623Y		3.8	4.1	4.4		
Reverse Current		I_R			100	μA	V_R=10V
Peak Wavelength	1623R	λρ		650		nm	I_F=100mA
	1623RO			630			
	1623Y			595			
Spectral Line Half Width	1623R	Δλ		35		nm	I_F=100mA
	1623RO			35			
	1623Y			40			
Brightness	1623R	B	60			cd/m²	I_F=100mA
	1623RO		60				
	1623Y		40				

MECHANICAL OUTLINE



CIRCUIT DIAGRAM



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

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