

ABSOLUTE MAXIMUM RATINGS

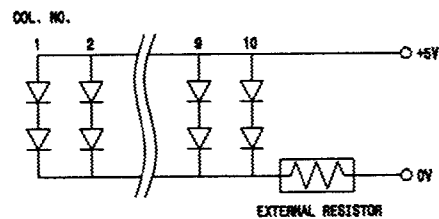
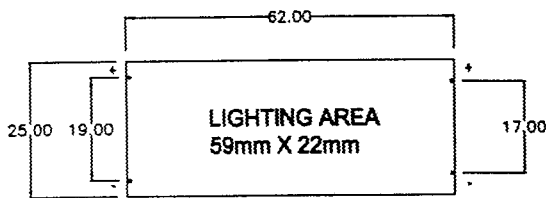
Forward Current	I_F	200mA
Reverse Voltage	V_R	10V
Operating Temperature	T_{opr}	-20 to +70°C
Storage Temperature	T_{stg}	-30 to +80°C

ELECTRO-OPTICAL CHARACTERISTICS (Ta=25°C)

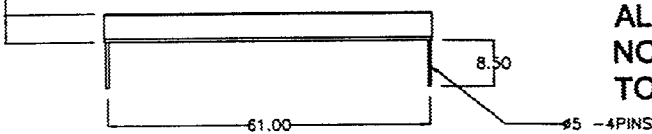
PARAMETER	SYMBOL	MIN	TYP	MAX	UNIT	CONDITIONS	
Forward Voltage	1623R	V_F	3.6	3.9	5	V	$I_F=100mA$
	1623RO		3.6	3.9	5		
	1623Y		3.8	4.1	4.4		
Reverse Current	I_R			100	μA	$V_R=10V$	
Peak Wavelength	1623R	λ_p		650	nm	$I_F=100mA$	
	1623RO			630			
	1623Y			595			
Spectral Line Half Width	1623R	$\Delta\lambda$		35	nm	$I_F=100mA$	
	1623RO			35			
	1623Y			40			
Brightness	1623R	B	60		cd/m ²	$I_F=100mA$	
	1623RO		60				
	1623Y		40				

MECHANICAL OUTLINE

CIRCUIT DIAGRAM



5.30 MAX.
(INCLUDED PLASTIC PADS)



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



MICRO ELECTRONICS LTD.

38 Hung To Road, Microtron Building, Kwun Tong, Kowloon, Hong Kong.

Kwun Tong P.O. Box 69477 Hong Kong. Fax No. 2341 0321 Telex:43510 Micro Hx. Tel: 2343 0181-5