

32253-OP

LED TECHNOLOGY CO., LTD.

Model No.: YYS10R
10LED Bargraph Display

LED Chip Absolute Maximum Ratings: (Ta=25 °C)

Parameter	Symbol	Value	Unit
Forward current	I _F	20	mA
Peak forward current (Duty Cycle = $\frac{1}{10}$, 10KHz)	I _{PF}	30	mA
Reverse current (V _R =5V)	I _R	10	μA
Operating temp	T _{OPR}	-25 - 85	°C
Storage temp	T _{STG}	-30 - 85	°C
Peak Emission Wavelength	λ _{PH}	630	nm

* Soldering Bath: not more than 5 seconds @260 °C. The bottom ends of the plastic reflector should be at least 2mm above the solder surface

Soldering Iron: not more than 3 seconds @300 °C under 30W

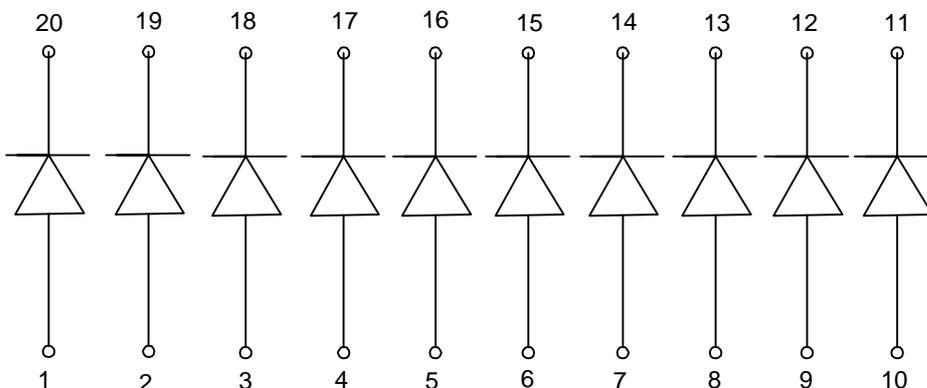
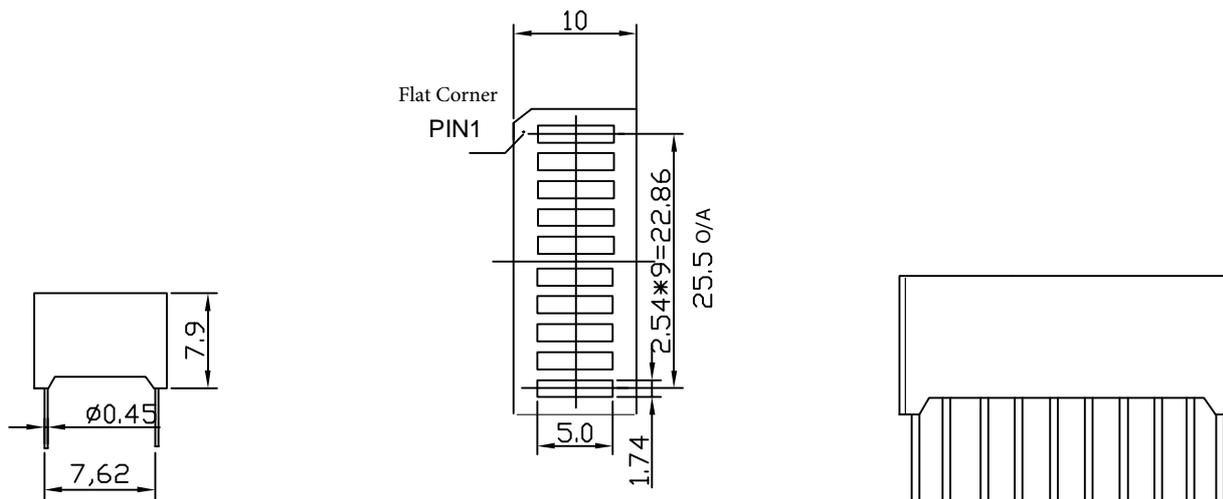
LED Chip Typical Electrical & Optical Characteristics: (Ta=25 °C)

ITEMS	Symbol	Condition	Min.	Typ.	Max.	Unit
Forward Voltage	V _F	I _F =20mA	2.0	2.1	2.2	V
Luminous Intensity	I _v	I _F =20mA	50	55	60	mcd
Wavelength	Δλ	I _F =20mA	630	----	635	nm
Light Degradation after 1000 hours			-4.68% ~ -8.27%			

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Mechanical Dimensions:

- . All dimension are in mm, tolerance is $\pm 0.2\text{mm}$ unless otherwise noted
- . An epoxy meniscus may extend about 1.5mm down the leads.



Notes:

- . Please use in accordance with datasheet.
- . Display is sensitive to static, be sure your equipment is anti-static.
- . Pay attention to heat dissipation system, the better heat dissipation, the longer lifespan.

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