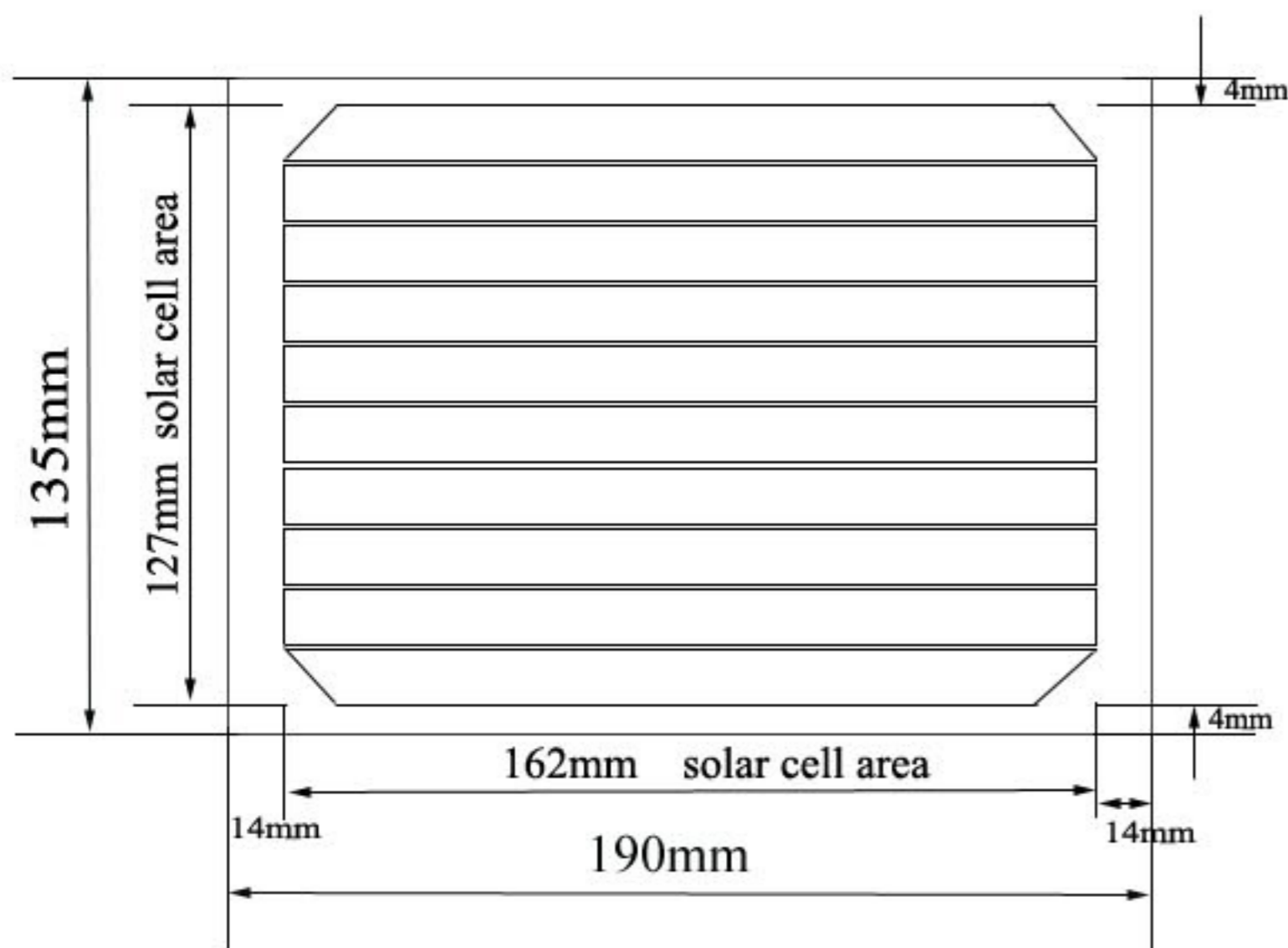
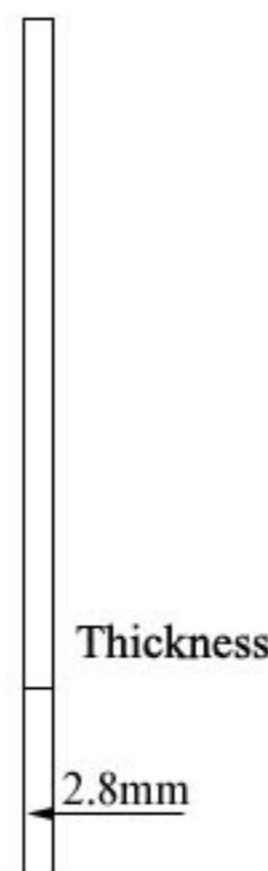


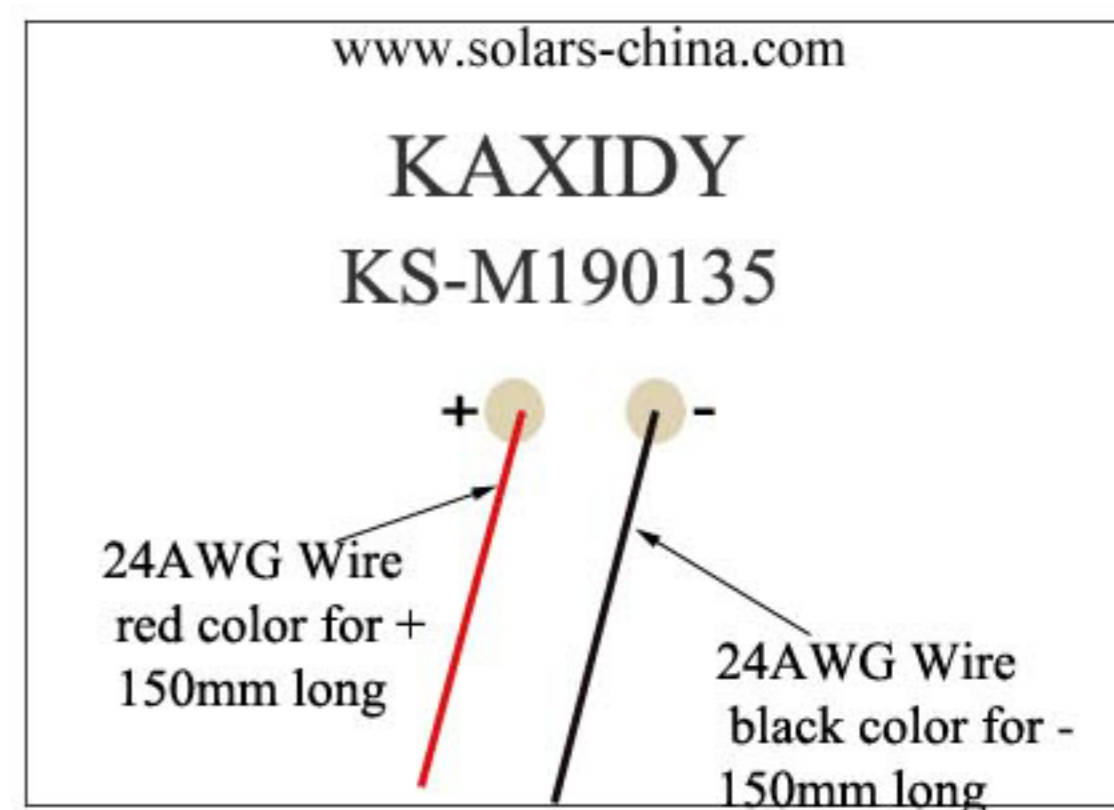
## 2.8W5V MINI SOLAR CELL PANEL (PET)



FRONT VIEW



SIDE VIEW



BACK VIEW

### ELECTRICAL CHARACTERISTICS

Power	2.8W		
Operating Voltage	5V	Open Circuit Voltage	6V
Operating Current	560mA	Short Circuit Current	616mA
Type of solar cell	Monocrystalline Silicon		
Power Tolerance	±5%		
STC: Irradiance 1000W/m <sup>2</sup> , Module temperature: 25°C, AM=1.5			

### TEMPERATURE COEFFICIENTS

Nominal Operating Cell Temperature (NOCT): 45°C±2°C	
Temp.Coefficient of Isc	(0.045±0.01)%/°C
Temp.Coefficient of Voc	-(0.34±0.01)/°C
Temp.Coefficient of Power	-(0.47±0.05)%/°C

### USING AND STORE CONDITION

- Temperature: -40° C to + 85° C
- Using Condition: Outdoor under the sunlight without covering

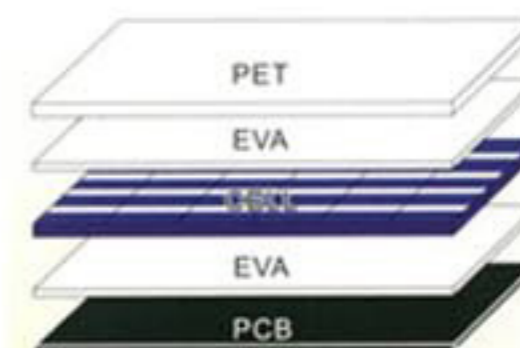
### WARNING

- Cannot touch with anything strong cauterant.
- Avoid scraping by something hard when using.
- Cannot bend on delivery and installation.

### MECHANICAL SPECIFICATIONS

Dmensions	190×135×2.8mm
Front Cover	PET/ EVE/ Solar Cell
Back Cover	Fiberglass board
Frame	Without Frame
Output lead wire	Solder wire, 24AWG, 150mm long
Efficiency: ≥18%	Dmensions Tolerance: ±0.2mm

### FIGURE OF STRUCTURE



### WARRANTIES

Power output more than 90% for 5 years  
Working life 5 years

### THE TECHNICAL FILES PROVIDED BY CHINA SOLAR LTD

Office Address:

NO.401, ZhongKang Pioneer Park, ZhongKang Road,  
Futian District, ShenZhen City, Guangdong Province, China

Factory Address:

Longxi Hi-tech Industrial Park, Longcheng Road, Longgang  
Town, ShenZhen City, Guangdong Province, China