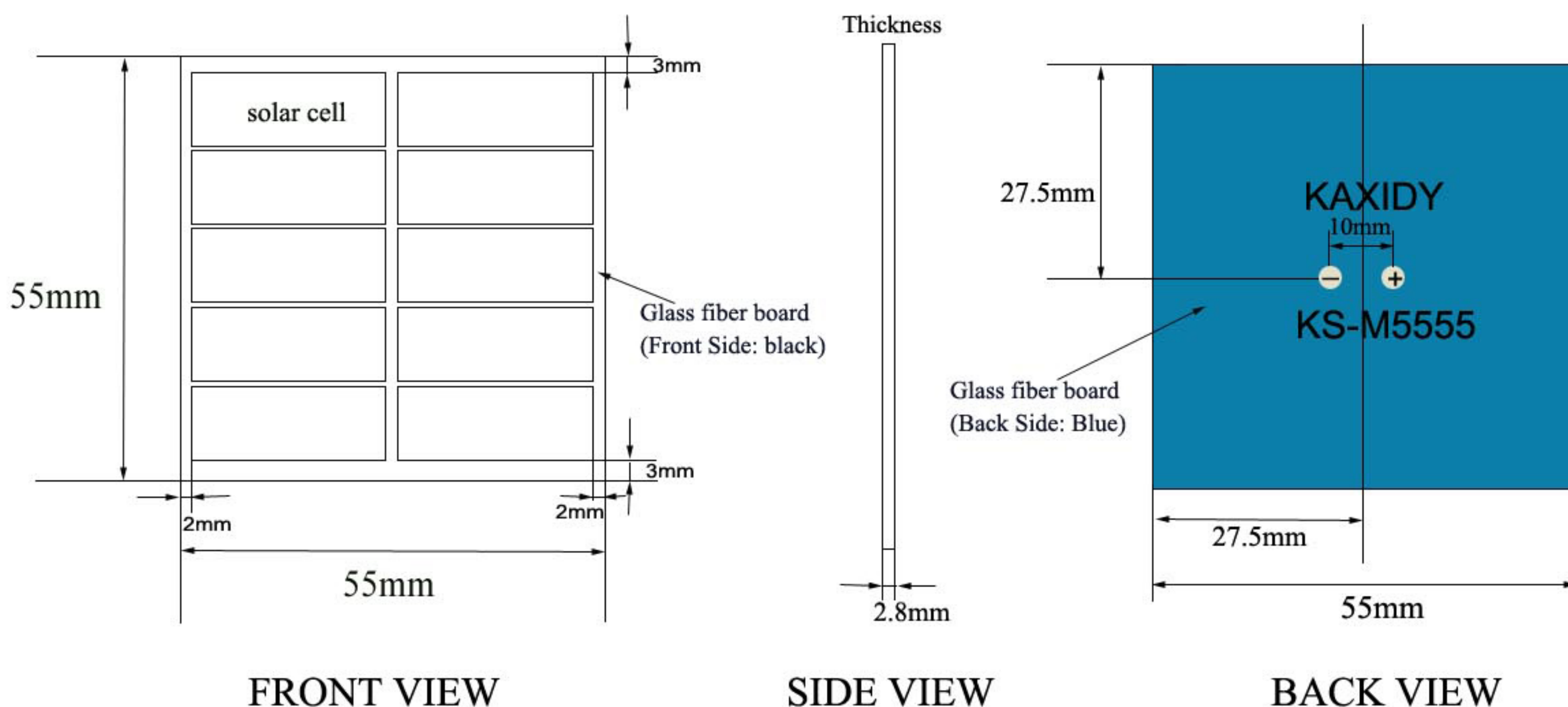


## KS-M5555 MINI SOLAR CELL PANEL (PET)



### ELECTRICAL CHARACTERISTICS

Power	0.4W		
Operating Voltage	5V	Open Circuit Voltage	6V
Operating Current	80mA	Short Circuit Current	88mA
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 I<sub>sc</sub> (0.045±0.01)%/°C

Temp.Coefficient of V<sub>oc</sub> -(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

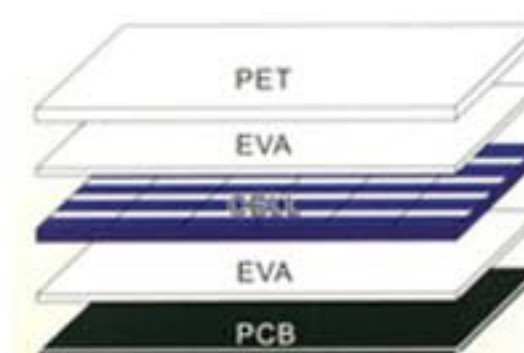
### WARNING

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

### MECHANICAL SPECIFICATIONS

Dmensions	55×55×2.8mm
Front Cover	PET/ EVE/ Solar Cell
Back Cover	Fiberglass board
Frame	Without Frame
Output lead wire	Without solder wire
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

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