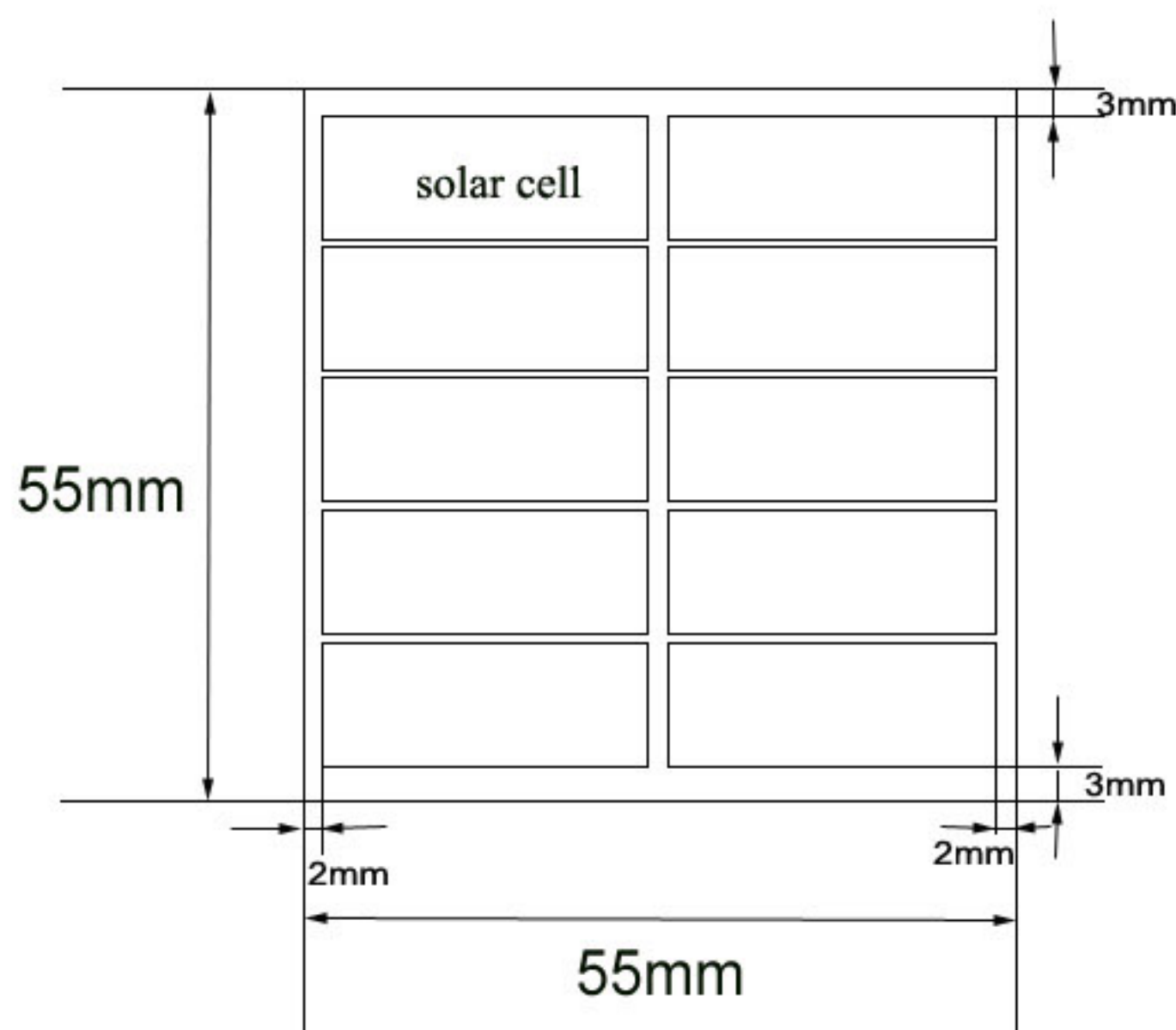
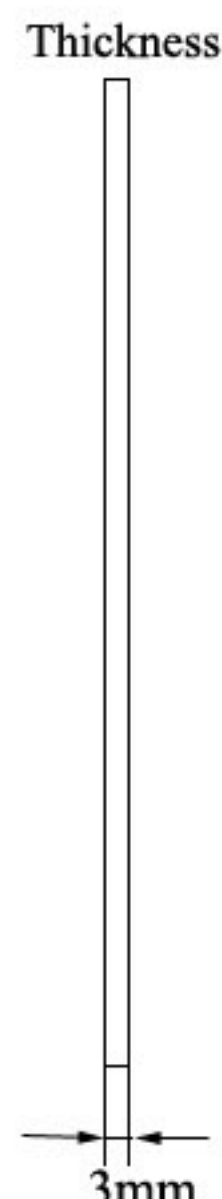


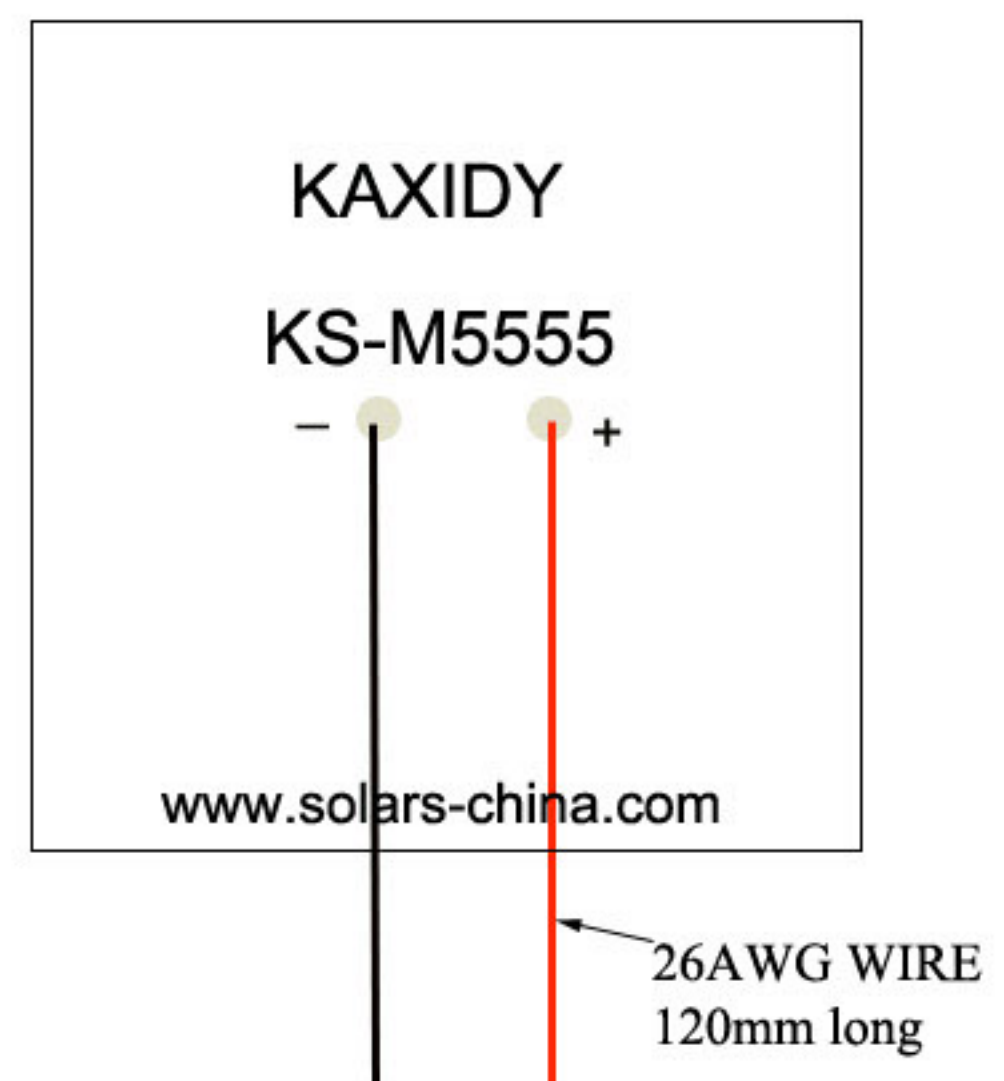
## KS-M5555 SMALL SOLAR CELL PANEL



FRONT VIEW



SIDE VIEW



BACK VIEW

### ELECTRICAL CHARACTERISTICS

Power	0.4W
Operating Voltage	5V
Operating Current	80mA
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

### MECHANICAL SPECIFICATIONS

Dmensions	55*55*3mm
Front Cover	Epoxy Resin + Solar Cell
Back Cover	Fiberglass board
Frame	Without Frame
Output lead wire	24AWG Wire, 120mm long, red for "+", black for "-"
Efficiency: ≥16%	Dmensions Tolerance: ±0.2mm

### FIGURE OF STRUCTURE



### WARRANTIES

Power output more than 90% for 3 years  
Working life 3 years

### WARNING

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

The technical files provided by CHINA SOLAR LTD

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