



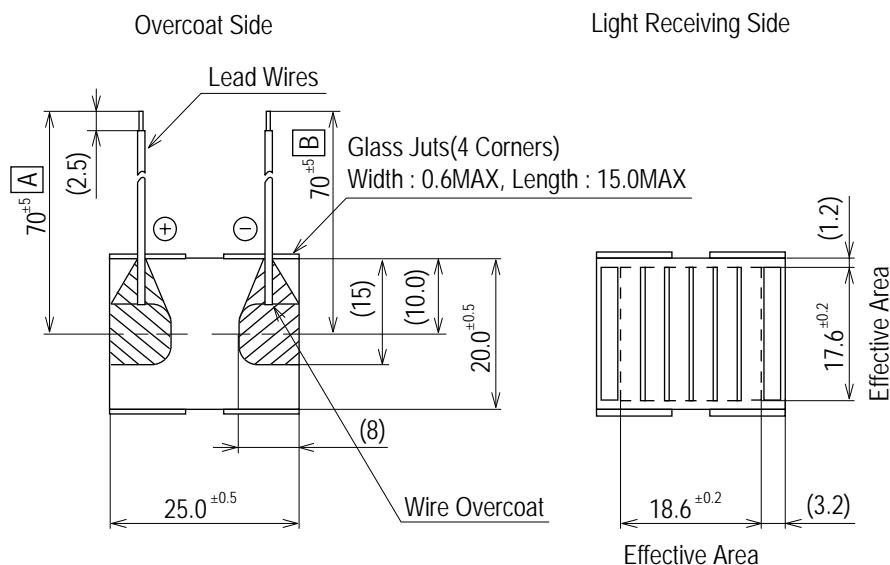
# DATA SHEET

## SANYO Amorphous Solar Cell

# Amorton

## AM-5610

### Package Dimensions (unit : mm)



Note: Glass Substrate Thickness : 1.8mm  
 Module Thickness : 2.3mm max  
 Wire-Overcoat Thickness : 3.5mm max (Including Module)  
 Standard lead wires length : 70mm Marking ( [A] & [B] )

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**SANYO Semiconductor Co., Ltd.**

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## AM-5610

**Ratings** at Ta = 25°C

| Parameter                             | Symbol | Conditions                                                                    | Ratings    |     |     | Unit |
|---------------------------------------|--------|-------------------------------------------------------------------------------|------------|-----|-----|------|
|                                       |        |                                                                               | min        | typ | max |      |
| Open Circuit Voltage                  | Voc    | SS 50kLx                                                                      |            | 5.1 |     | V    |
| Short Circuit Current                 | Isc    | SS 50kLx                                                                      |            | 2.4 |     | mA   |
| Operating Voltage & Operating Current | Iope   | SS 50kLx, Vo <sub>pe</sub> =3.0V                                              | 1.7        |     |     | mA   |
|                                       |        | SS 50kLx, Vo <sub>pe</sub> =3.3V                                              |            | 2.3 |     | mA   |
|                                       |        | AM-1.5, 100mW/cm <sup>2</sup> , Vo <sub>pe</sub> =3.3V                        |            | 5.1 |     | mA   |
| Maximum Output<br>(Reference Value)   | Pmax   | SS 50kLx, Vo <sub>p</sub> =3.9V, Io <sub>p</sub> =2.2mA                       |            | 8   |     | mW   |
|                                       |        | AM-1.5, 100mW/cm <sup>2</sup> , Vo <sub>p</sub> =3.9V, Io <sub>p</sub> =4.6mA |            | 18  |     | mW   |
| Operating Temperature                 | Topr   |                                                                               | -10 to +60 |     |     | °C   |
| Storage Temperature                   | Tstg   |                                                                               | -20 to +70 |     |     | °C   |

SS: Solar Simulator

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