

# SANYO Amorphous Solar Cell

## **Amorton**

## **AM-5815**

Package Dimensions (unit : mm)

Note: Glass Substrate Thickness : 1.1mm Module Thickness : 1.3mm max

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#### **SANYO Semiconductor Co., Ltd.**

### AM-5815

#### **Ratings** at $Ta = 25^{\circ}C$

| Parameter                             | Symbol | Conditions  | Ratings |     |            | 1.1  |
|---------------------------------------|--------|---|---------|-----|------------|------|
|                                       |        |   | min     | typ | max        | Unit |
| Open Circuit Voltage                  | Voc    | SS 50kLx  |         | 6.8 |            | ٧    |
| Short Circuit Current                 | Isc    | SS 50kLx  |         | 1.2 |            | mA   |
| Operating Voltage & Operating Current | lope   | SS 50kLx, Vope=4.5V                                 | 0.8     | 1.1 |            | mA   |
|                                       |        | AM-1.5, 100mW/cm <sup>2</sup> , Vope=4.5V           |         | 2.5 |            | mA   |
| Maximum Output                        | Pmax   | SS 50kLx, Vop=5.2V, Iop=1.1mA                       |         | 6   |            | mW   |
| (Reference Value)                     |        | AM-1.5, 100mW/cm <sup>2</sup> , Vop=5.2V, Iop=2.3mA |         | 12  |            | mW   |
| Operating Temperature                 | Topr   |   |         |     | -10 to +60 | ů    |
| Storage Temperature                   | Tstg   |   |         |     | -20 to +70 | ô    |

SS: Solar Simulator

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