

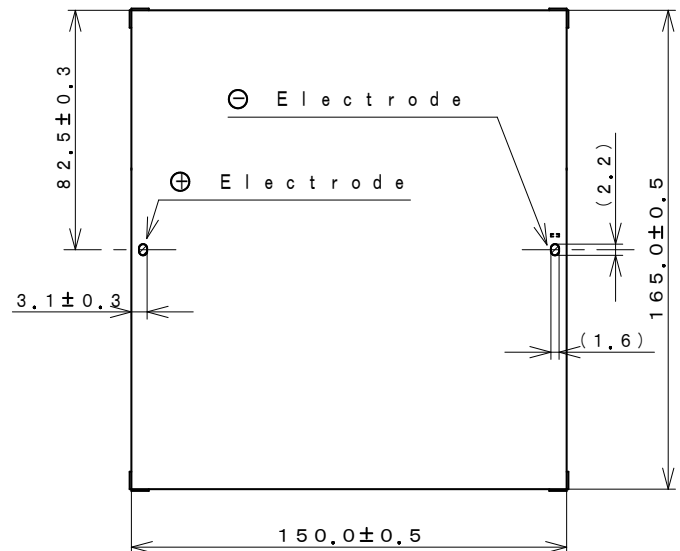
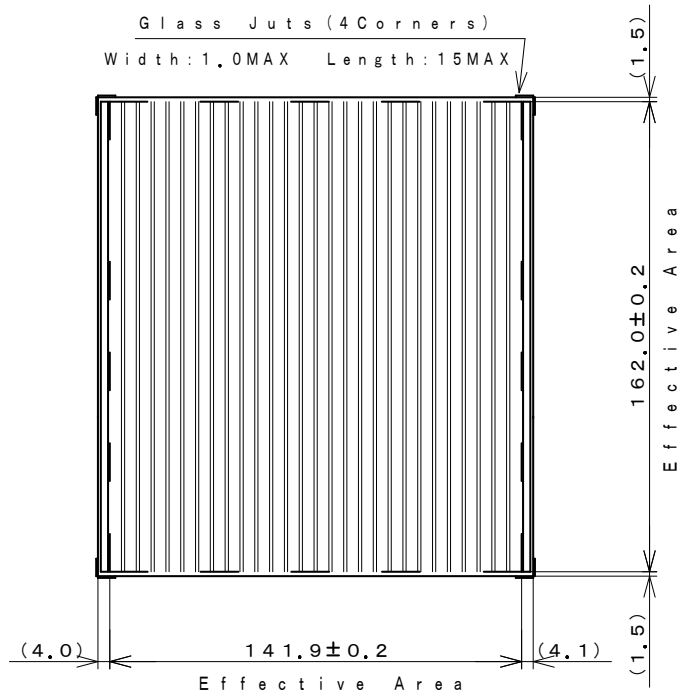
アモルファスシリコン太陽電池 仕様

Model : AM-7S03C-T

1. Outside dimensions 外形寸法

Light Receiving Side (受光面)

Overcoat Side (オーバーコート面)



(dimension: mm)

Note

Glass Substrate Thickness (ガラス基板厚) : 1.6mm ± 0.2

Module Thickness (モジュール厚) : 2.0mm MAX

Accepts normal soldering for bending

(一般の半田を使用してリット線付けが可能です。)

2. Rated Specifications (at 25℃)

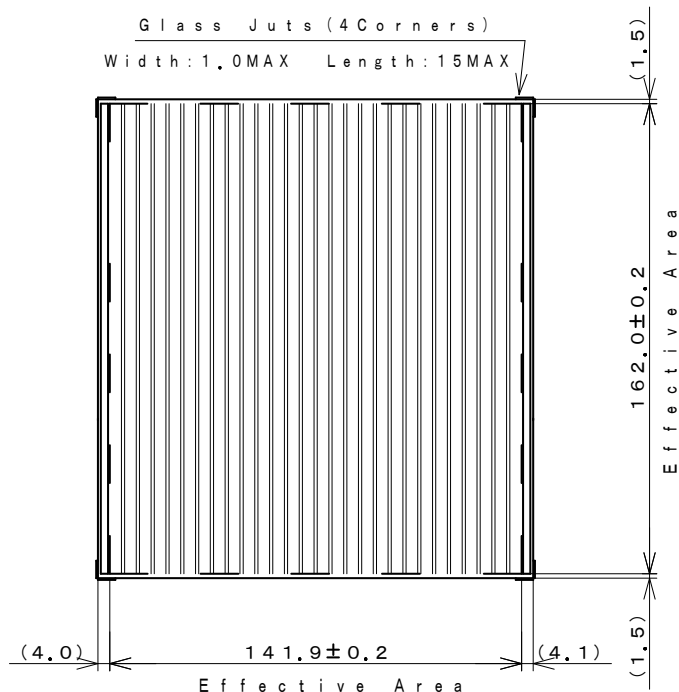
Item	Specifications (Initial)
2.1 Open circuit voltage: Voc 開放電圧	Typical 24.0V at 50kLx SS
2.2 Short circuit Current: Isc 短絡電流	Typical 38.4mA at 50kLx SS
2.3 Operating Voltage & Operating Current: Vope-Iope 動作特性	Typical 15.4V- 34.5mA at 50kLx SS
	Minimum 15.0V- 54.6mA at AM-1.5 100mW/cm ²
	Typical 15.4V- 70.0mA at AM-1.5 100mW/cm ²
2.4 Maximum output: Pmax & optimum operating Volt: Vop optimum operating Current: Iop 最大出力	(reference) 595mW Vop = 18.4V Iop = 32.4mA at 50kLx SS
	(reference) 1133mW Vop = 18.4V Iop = 61.6mA at AM-1.5 100mW/cm ²
2.5 Working temperature range: Topr 動作温度範囲	-10 to 60℃
2.6 Storage temperature range: Tstg 保存温度範囲	-20 to 70℃

アモルファスシリコン太陽電池 仕様

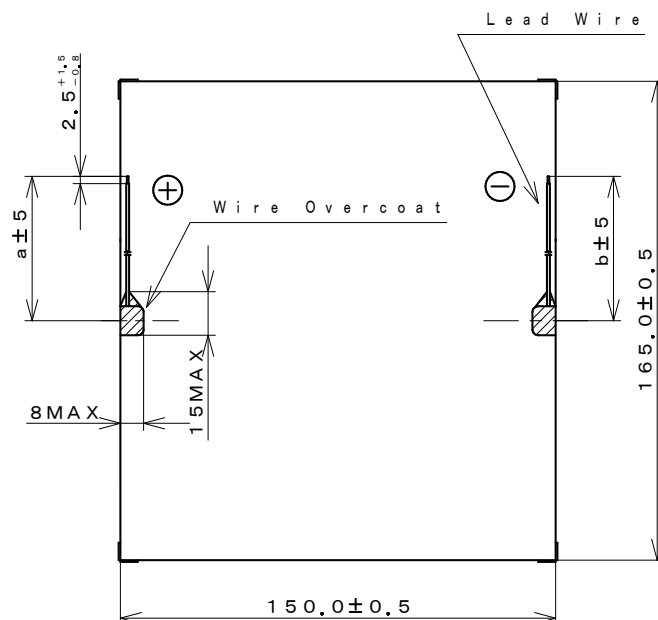
Model : AM-7S03CAR-T

1. Outside dimensions 外形寸法

Light Receiving Side (受光面)



Overcoat Side (オーバーコート面)



(dimension: mm)

Lead Wires : AWG28	
a: 155	b: 155

Note

Glass Substrate Thickness (ガラス基板厚) : 1.6mm ± 0.2

Module Thickness (モジュール厚) : 2.0mm MAX

Wire-Overcoat Thickness: 3.1mm MAX (including Module)
(リード線補正コート厚)

2. Rated Specifications (at 25℃)

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SS: Solar Simulator

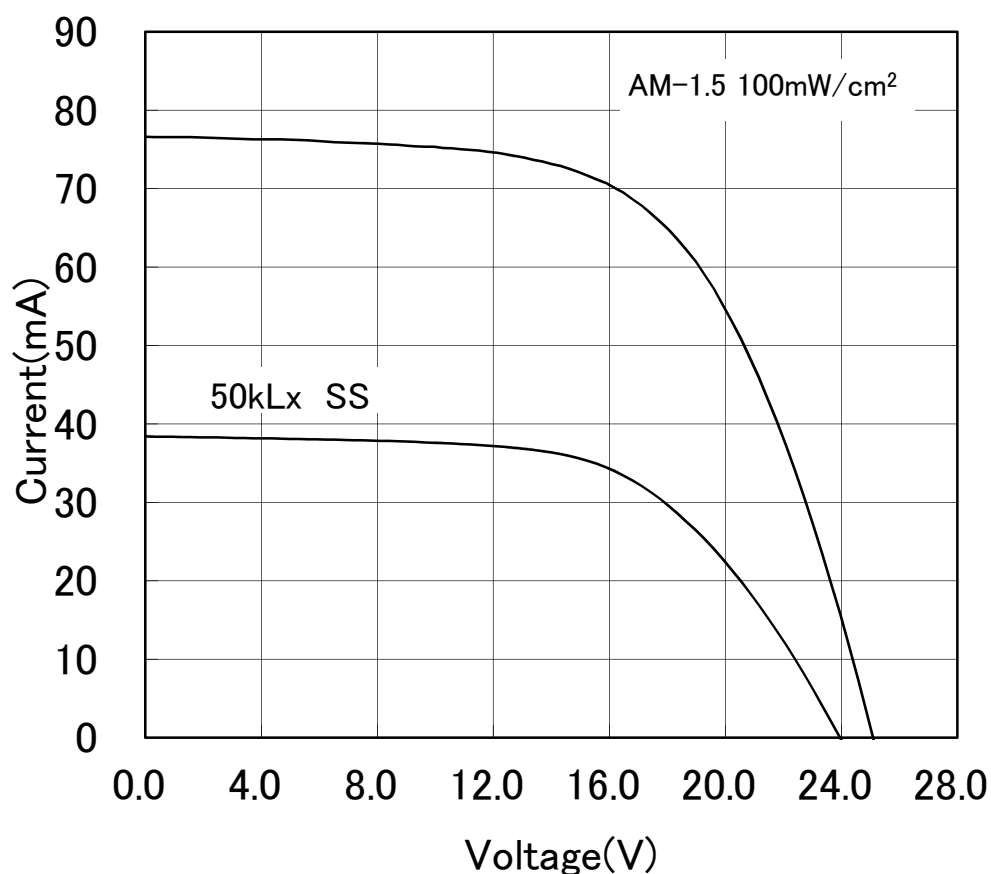
I – V Characteristics

REFERENCE

1.Model : AM-7S03

2.Outside Dimension : 150.0mm × 165.0mm

SS:Solar Simulator



*このデータは標準的な出力特性を示すものであり、特性を保証するものではありません。

*The data are meant to show standard electric characteristics only , not intended to guarantee the characteristics.

Panasonic Solar Amorton Co.,Ltd.

2019/7/5

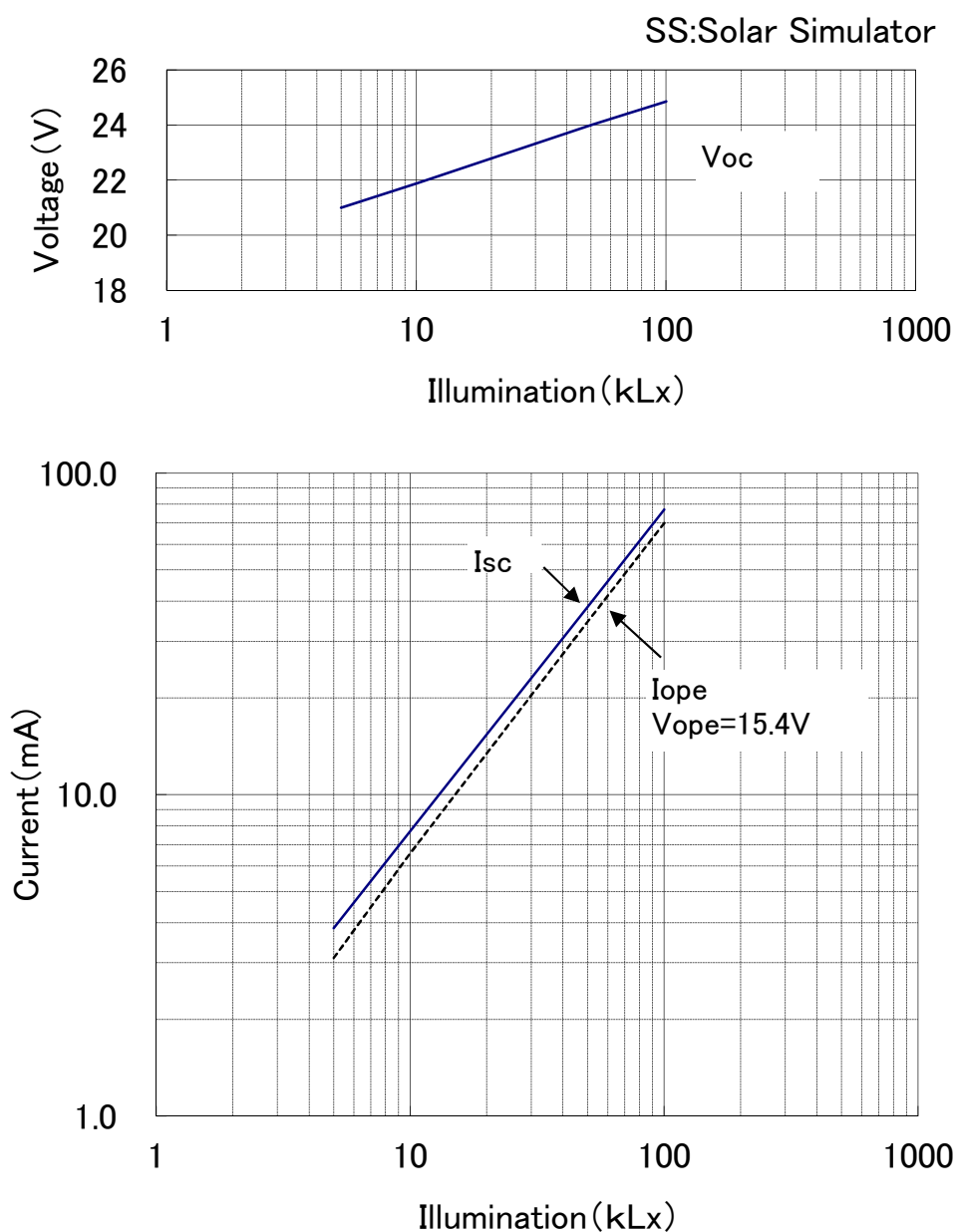
出力の照度依存特性

REFERENCE

Dependence of Output on Illumination

1.Model : AM-7S03

2.Outside Dimension : 150.0mm × 165.0mm



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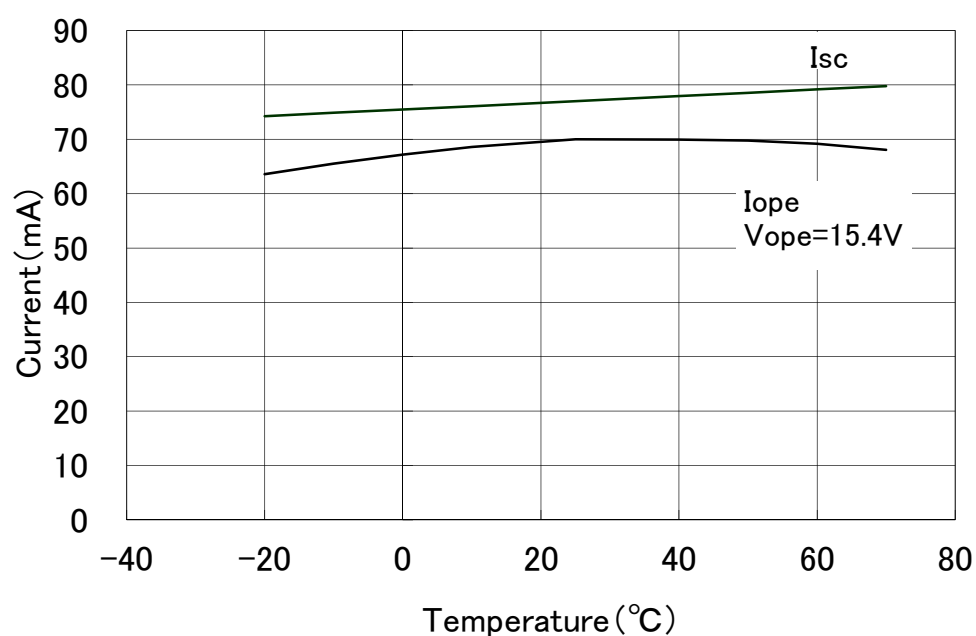
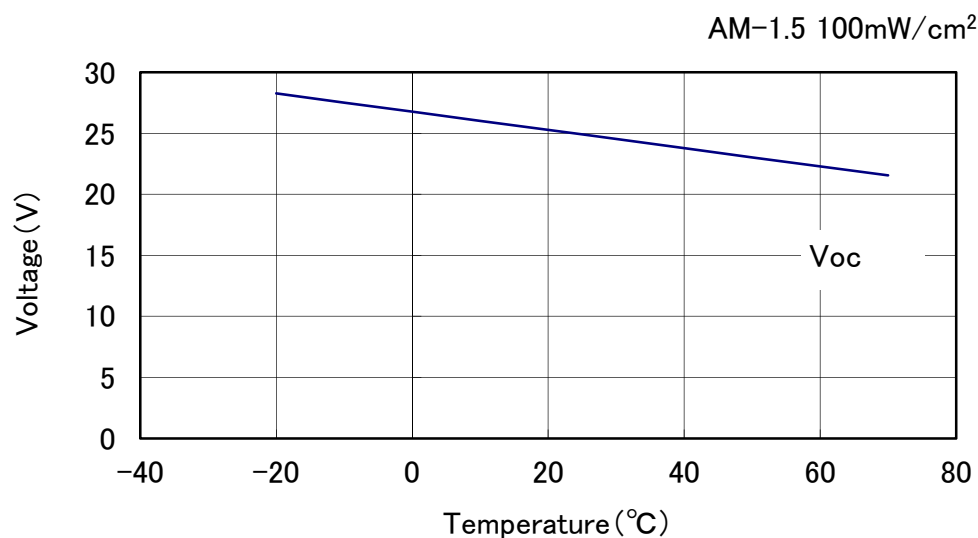
出力の温度依存特性

REFERENCE

Dependence of Output on Temperature

1.Model : AM-7S03

2.Outside Dimension : 150.0mm × 165.0mm



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