

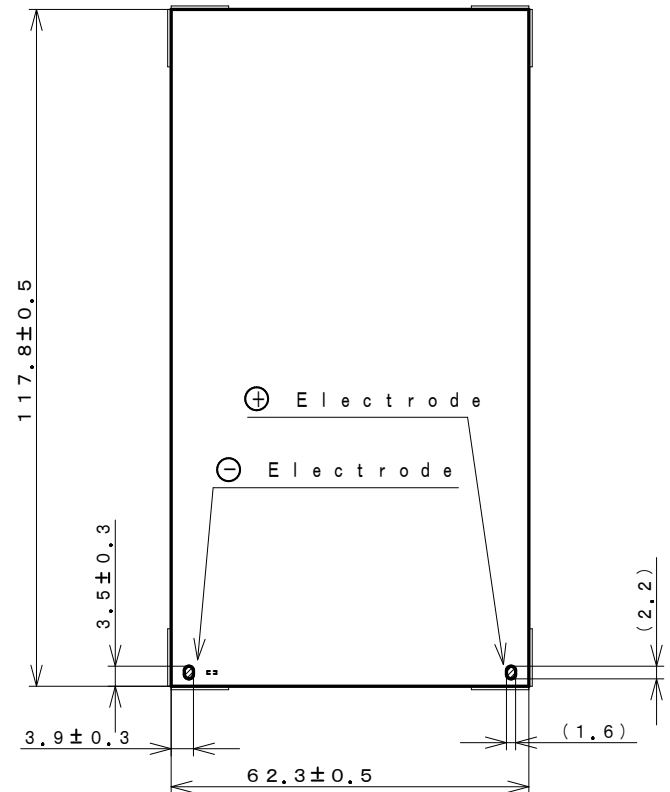
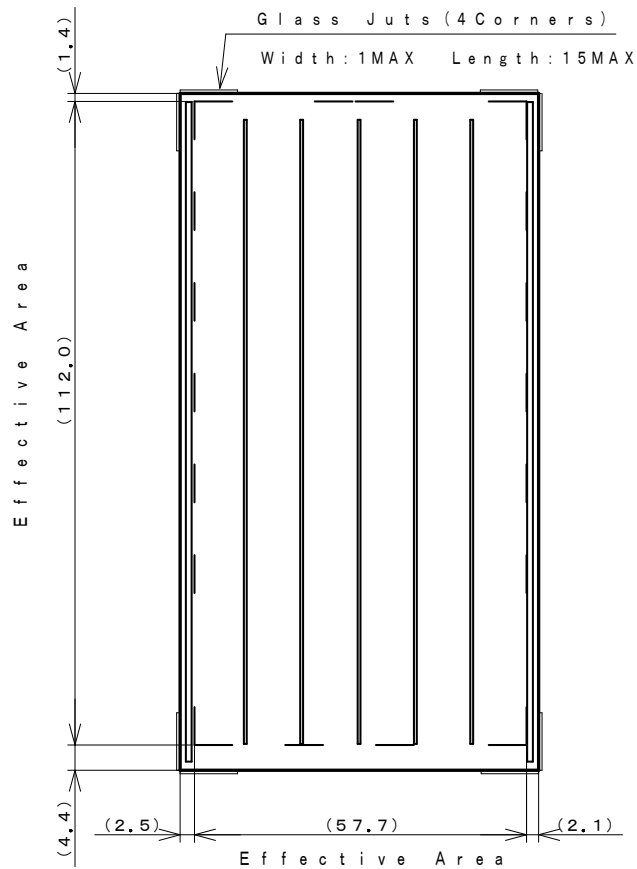
アモルファスシリコン太陽電池 仕様

Model : AM-5605C-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ー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	5.1V	at 50kLx SS
2.2 Short circuit Current : Isc 短絡電流	Typical	57.0mA	at 50kLx SS
2.3 Operating Voltage & Operating Current : Vope-Iope 動作特性	Minimum	3.0V - 40.0mA	at 50kLx SS
	Typical	3.3V - 52.9mA	at 50kLx SS
	Typical	3.3V - 115.4mA	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)	189mW	Vop=3.9V Iop=48.6mA at 50kLx SS
	(reference)	401mW	Vop=3.9V Iop=102.7mA 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℃		

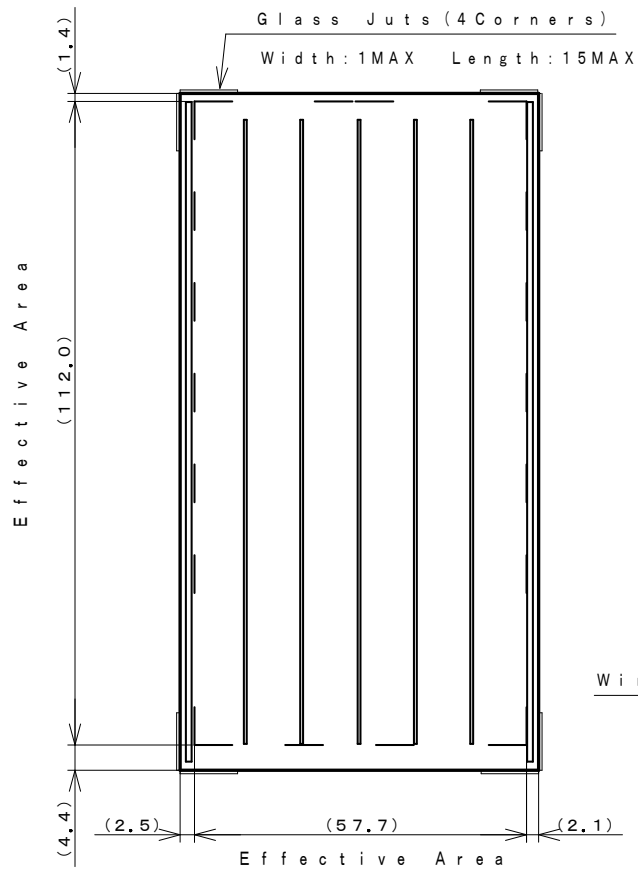
SS: Solar Simulator

アモルファスシリコン太陽電池 仕様

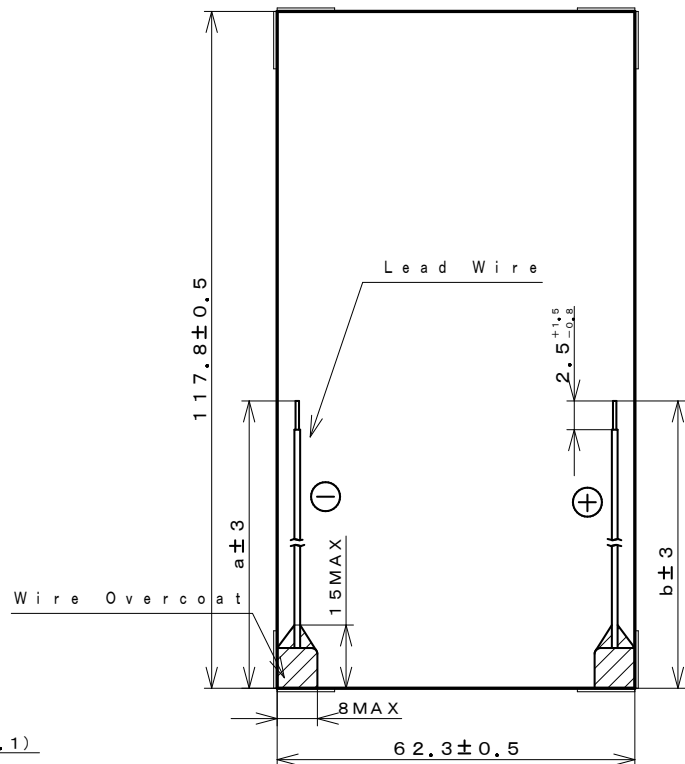
Model : AM-5605CAR-T

1. Outside dimensions 外形寸法

Light Receiving Side (受光面)



Overcoat Side (オーバークート面)



(dimension : mm)

Lead Wires : AWG28	
a : 156	b : 156

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℃)

Item	Specifications (Initial)
2.1 Open circuit voltage : Voc 開放電圧	Typical 5.1V at 50kLx SS
2.2 Short circuit Current : Isc 短絡電流	Typical 57.0mA at 50kLx SS
2.3 Operating Voltage & Operating Current : Vope-Iope 動作特性	Minimum 3.0V - 40.0mA at 50kLx SS
	Typical 3.3V - 52.9mA at 50kLx SS
	Typical 3.3V - 115.4mA 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) 189mW Vop=3.9V Iop=48.6mA at 50kLx SS
	(reference) 401mW Vop=3.9V Iop=102.7mA 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℃

SS: Solar Simulator

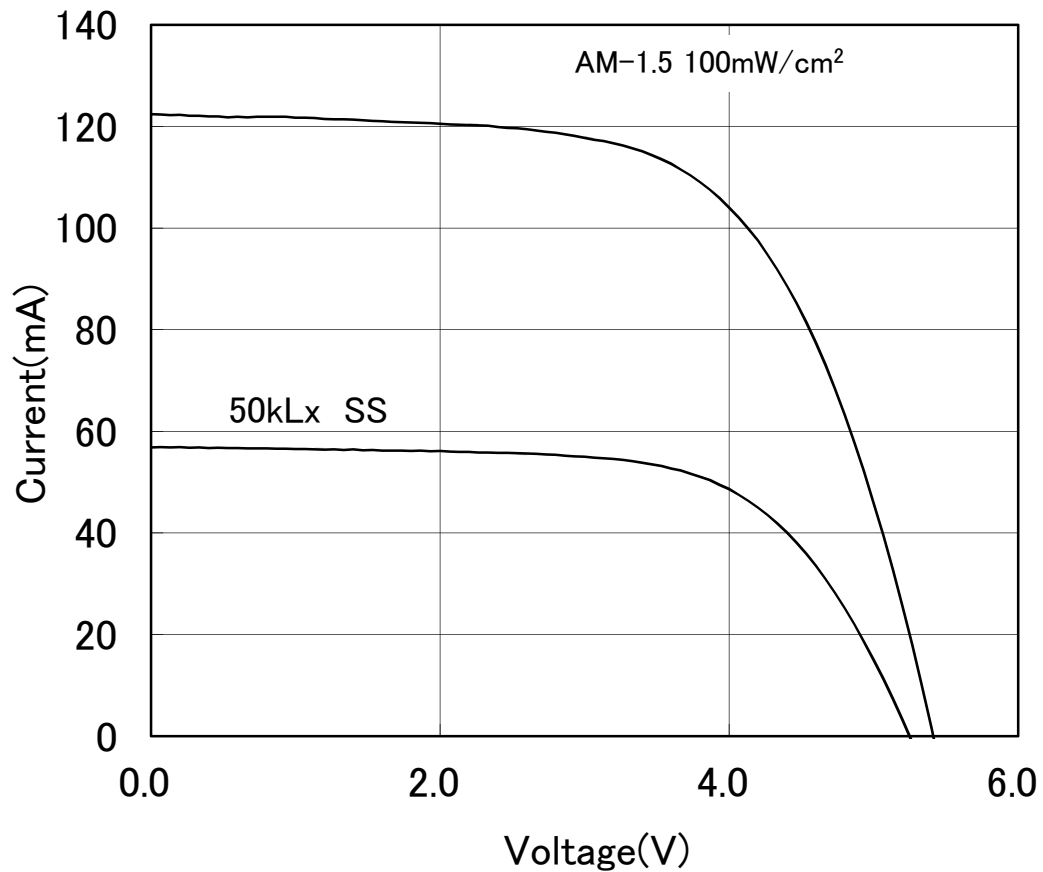
I – V Characteristics

REFERENCE

1.Model : AM-5605

2.Outside Dimension : 62.3mm × 117.8mm

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.

2019/5/31

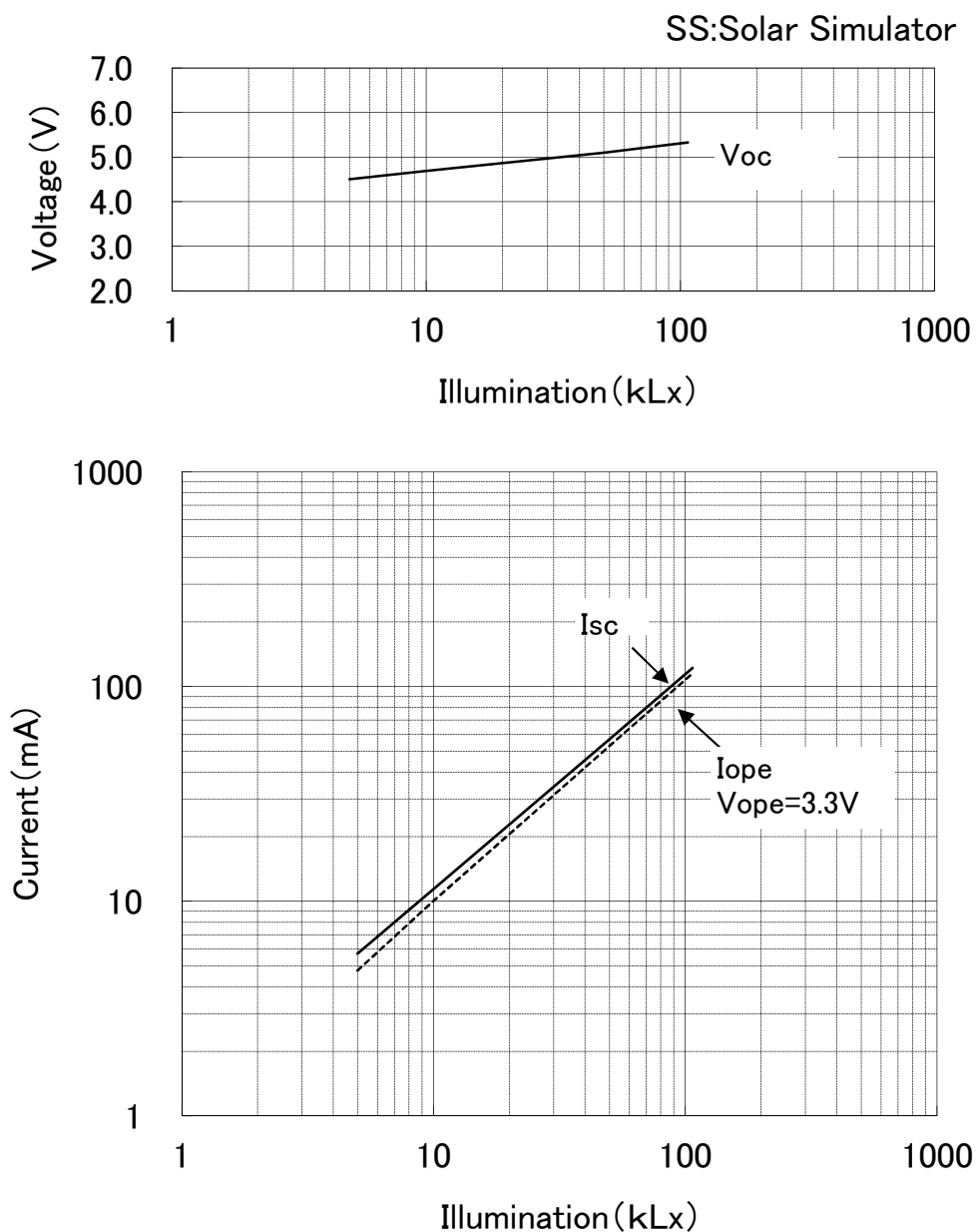
出力の照度依存特性

REFERENCE

Dependence of Output on Illumination

1.Model : AM-5605

2.Outside Dimension : 62.3mm × 117.8mm



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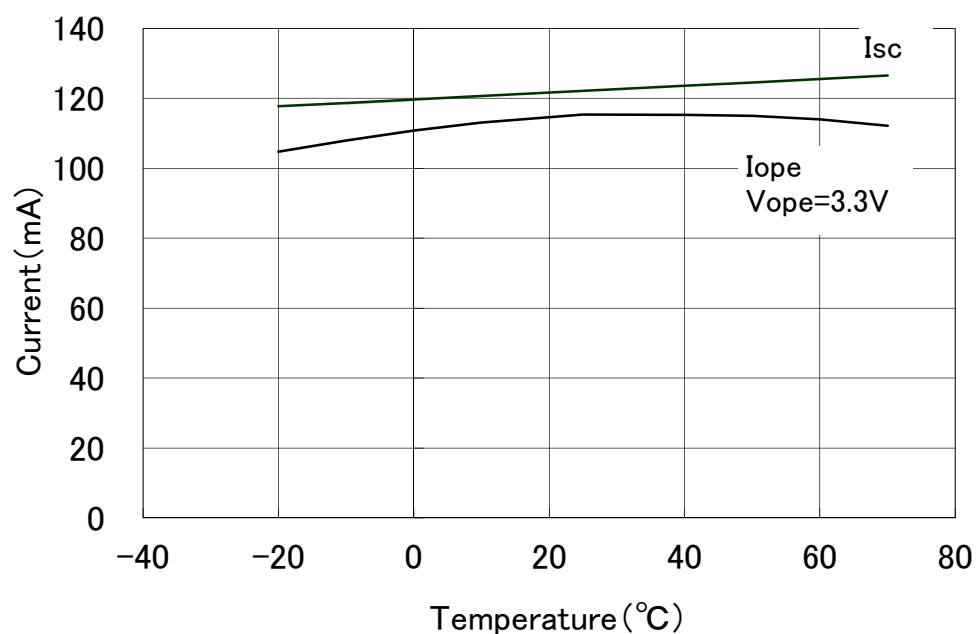
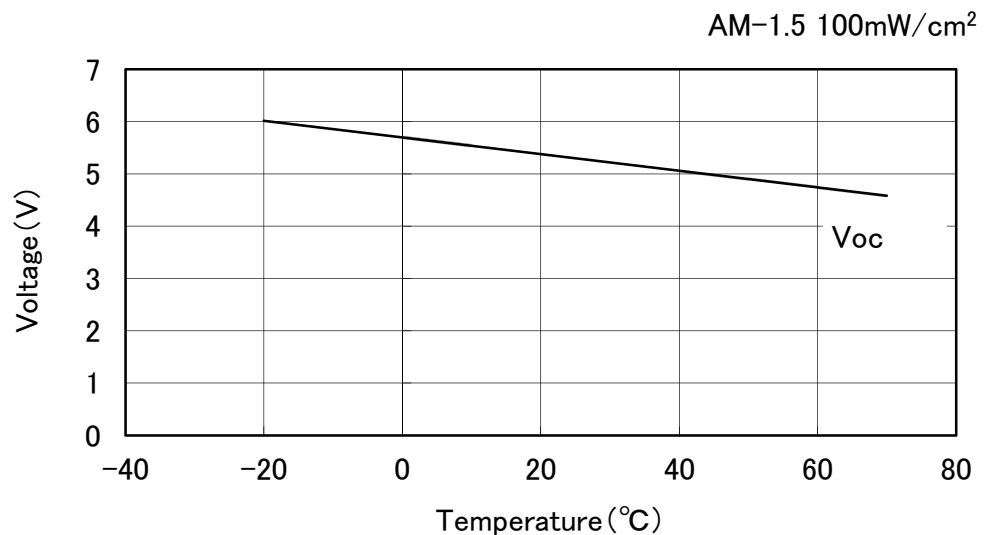
出力の温度依存特性

REFERENCE

Dependence of Output on Temperature

1.Model : AM-5605

2.Outside Dimension : 62.3mm × 117.8mm



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