

# SANYO Amorphous Solar Cell

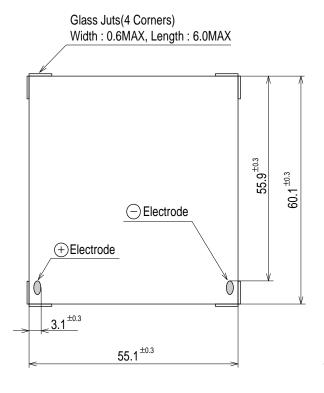
## **Amorton**

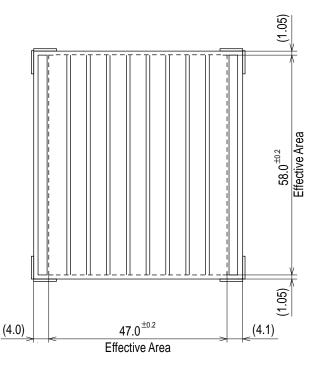
## AM-5814

Package Dimensions (unit : mm)

Overcoat Side

Light Receiving Side





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

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#### AM-5814

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

Parameter	Symbol	Conditions	Ratings			1.154
			min	typ	max	Unit
Open Circuit Voltage	Voc	SS 50kLx		6.8		V
Short Circuit Current	Isc	SS 50kLx		18.9		mA
Operating Voltage & Operating Current	lope	SS 50kLx, Vope=4.5V	13.9	17.4		mA
		AM-1.5, 100mW/cm <sup>2</sup> , Vope=4.5V		38.6		mA
Maximum Output	Pmax	SS 50kLx, Vop=5.2V, lop=16.4mA		85		mW
(Reference Value)		AM-1.5, 100mW/cm <sup>2</sup> , Vop=5.2V, Iop=34.7mA		180		mW
Operating Temperature	Topr				-10 to +60	ç
Storage Temperature	Tstg				-20 to +70	ç

SS: Solar Simulator

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