



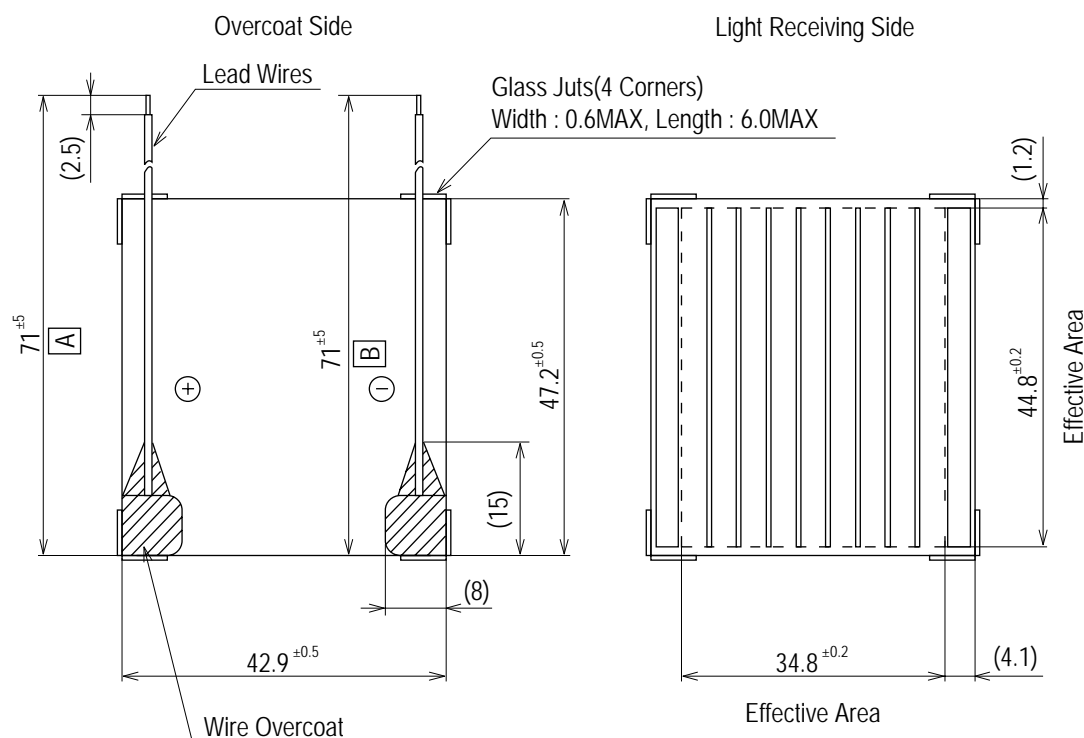
DATA SHEET

SANYO Amorphous Solar Cell

Amorton

AM-5912

Package Dimensions (unit : mm)



Note: Glass Substrate Thickness : 1.1mm
 Module Thickness : 1.3mm max
 Wire-Overcoat Thickness : 2.5mm max (Including Module)
 Standard lead wires length : 71mm Marking ([A] & [B])

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SANYO Semiconductor Co., Ltd.

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AM-5912

Ratings at Ta = 25°C

Parameter	Symbol	Conditions	Ratings			Unit
			min	typ	max	
Open Circuit Voltage	Voc	SS 50kLx		7.7		V
Short Circuit Current	Isc	SS 50kLx		7.5		mA
Operating Voltage & Operating Current	Iope	SS 50kLx, Vo _{pe} =4.5V	5.3			mA
		SS 50kLx, Vo _{pe} =5.0V		7		mA
		AM-1.5, 100mW/cm ² , Vo _{pe} =5.0V		15.3		mA
Maximum Output (Reference Value)	Pmax	SS 50kLx, Vo _p =5.9V, Io _p =6.4mA		38		mW
		AM-1.5, 100mW/cm ² , Vo _p =5.9V, Io _p =13.6mA		80		mW
Operating Temperature	Topr		-10 to +60			°C
Storage Temperature	Tstg		-20 to +70			°C

SS: Solar Simulator

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