



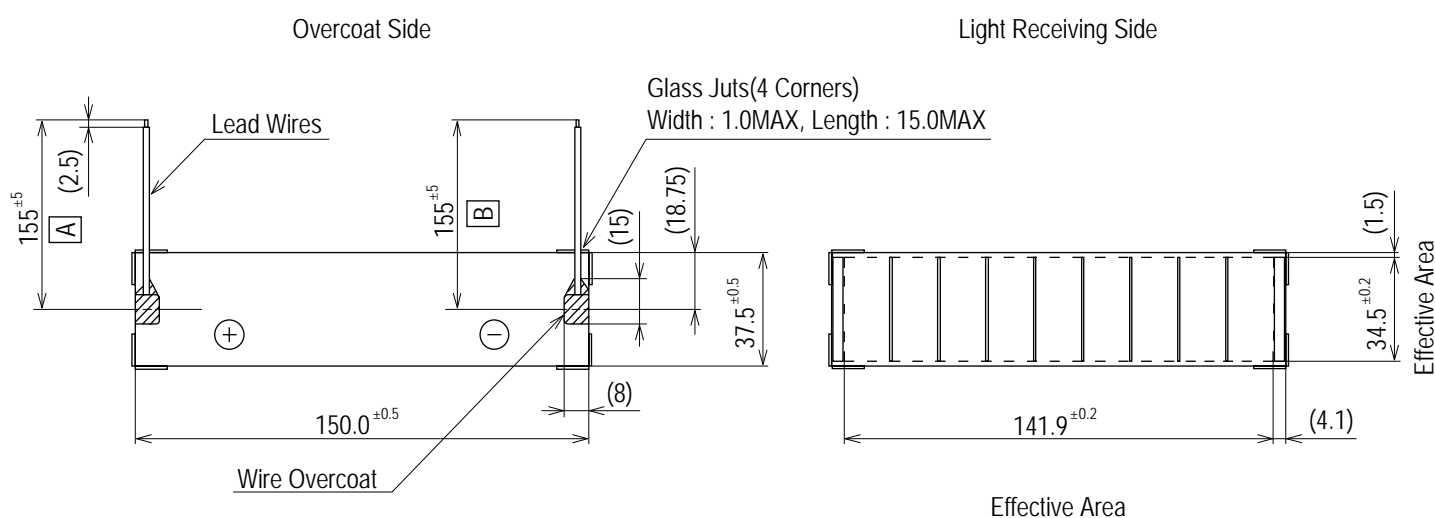
DATA SHEET

SANYO Amorphous Solar Cell

Amorton

AM-5902

Package Dimensions (unit : mm)



Note: Glass Substrate Thickness : 1.8mm
 Module Thickness : 2.3mm max
 Wire-Overcoat Thickness : 3.5mm max (Including Module)
 Standard lead wires length : 155mm Marking (**A** & **B**)

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SANYO Semiconductor Co., Ltd.

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AM-5902

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		30		mA
Operating Voltage & Operating Current	Iope	SS 50kLx, Vo _{pe} =4.5V	21			mA
		SS 50kLx, Vo _{pe} =5.0V		27.8		mA
		AM-1.5, 100mW/cm ² , Vo _{pe} =5.0V		60.8		mA
Maximum Output (Reference Value)	Pmax	SS 50kLx, Vo _p =5.9V, Io _p =25.4mA		150		mW
		AM-1.5, 100mW/cm ² , Vo _p =5.9V, Io _p =53.7mA		317		mW
Operating Temperature	Topr		-10 to +60			°C
Storage Temperature	Tstg		-20 to +70			°C

SS: Solar Simulator

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