



DATA SHEET

SANYO Amorphous Solar Cell

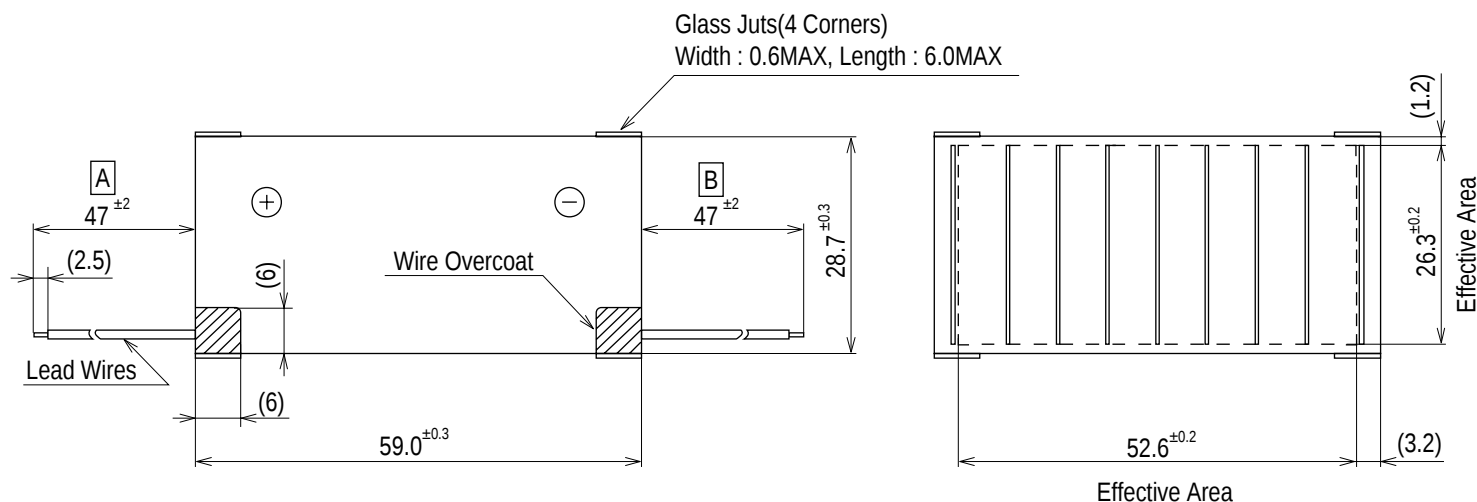
Amorton

AM-5812

Package Dimensions (unit : mm)

Overcoat Side

Light Receiving Side



Note: Glass Substrate Thickness : 1.1mm
 Module Thickness : 1.3mm max
 Wire-Overcoat Thickness : 2.5mm max (Including Module)
 Standard lead wires length : 47mm Marking ([A] & [B])

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SANYO Semiconductor Co., Ltd.

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AM-5812

Ratings at Ta = 25°C

Parameter	Symbol	Conditions	Ratings			Unit
			min	typ	max	
Open Circuit Voltage	Voc	SS 50kLx		6.8		V
Short Circuit Current	Isc	SS 50kLx		9.7		mA
Operating Voltage & Operating Current	Iope	SS 50kLx, Vo _{pe} =4.0V	6.7			mA
		SS 50kLx, Vo _{pe} =4.5V		8.9		mA
		AM-1.5, 100mW/cm ² , Vo _{pe} =4.5V		19.8		mA
Maximum Output (Reference Value)	Pmax	SS 50kLx, Vo _p =5.2V, Io _p =8.4mA		44		mW
		AM-1.5, 100mW/cm ² , Vo _p =5.2V, Io _p =17.8mA		93		mW
Operating Temperature	Topr		-10 to +60			°C
Storage Temperature	Tstg		-20 to +70			°C

SS: Solar Simulator

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