

# KSSC2-45P0X22P0

**FEATURES**

- Solar cells wafer : Mono-crystalline Silicone solar cell
- Front cover : Epoxy (2.0±0.5 mm)
- Back cover : PCB (About 1 mm)
- Cells size : 45 mm X 22 mm x 2 ea
- Dimension : 48 mm X 48 mm X 3 mm
- Weight : About 13 ± 2 g

**MAXIMUM RATINGS**

Parameter	Symbol	Rating	Unit
Operating Temperature	Topr	-20 ~ 50	°C
Storage Temperature range	Tstg	-20 ~ 50	°C

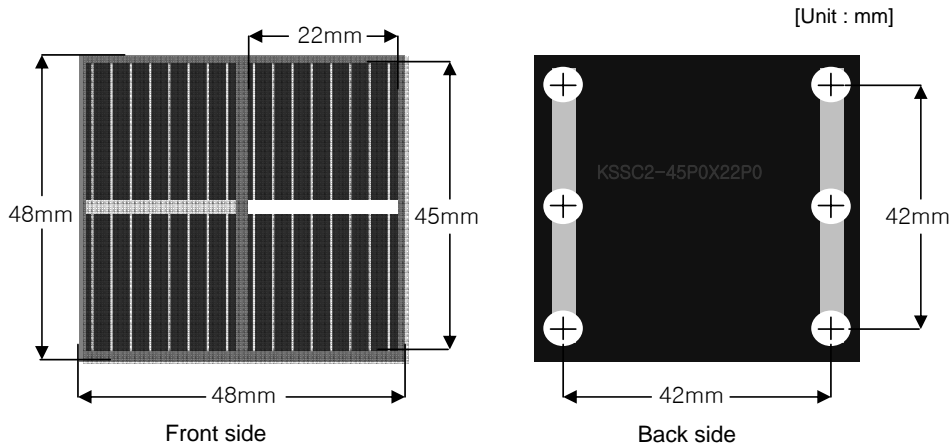
**ELECTRO-OPTICAL CHARACTERISTICS**

Parameter	Symbol	Value	Unit
Peak Power	Pmax	0.219	W
Open Circuit Voltage	Voc	1.165	V
Short Circuit Current	Isc	0.262	A
Voltage @ Peak Power	Vmax	0.925	V
Current @ Peak Power	Imax	0.237	A

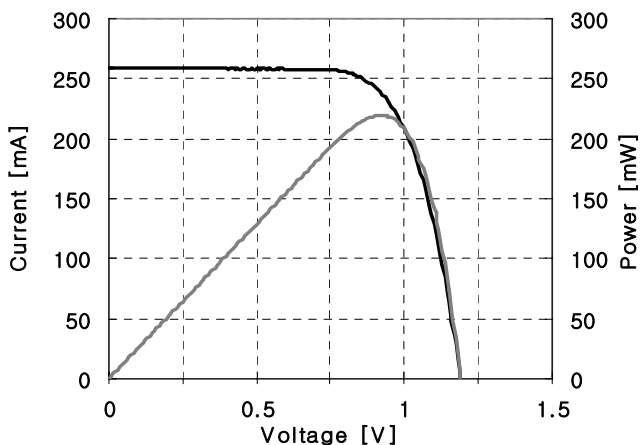
( Standard Test Condition (STC) : Irradiance 1KW/m², Spectrum 1.5 Air Mass, Temperature 25 °C )

\* Test accuracy : ±5%

**MECHANICAL INFORMATION**



**DYNAMIC CHARACTERISTICS**



1. Peak Power	[Pmax]	0.219 [W]
2. Open Circuit Voltage	[Voc]	1.191 [V]
3. Short Circuit Current	[Isc]	0.259 [A]
4. Voltage @ Peak Power	[Vmax]	0.919 [V]
5. Current @ Peak Power	[Imax]	0.239 [A]

Standard Test Condition (STC) : Irradiance 1KW/m², Spectrum 1.5 Air Mass, Temperature 25°C  
 \* Test accuracy : ±5%