

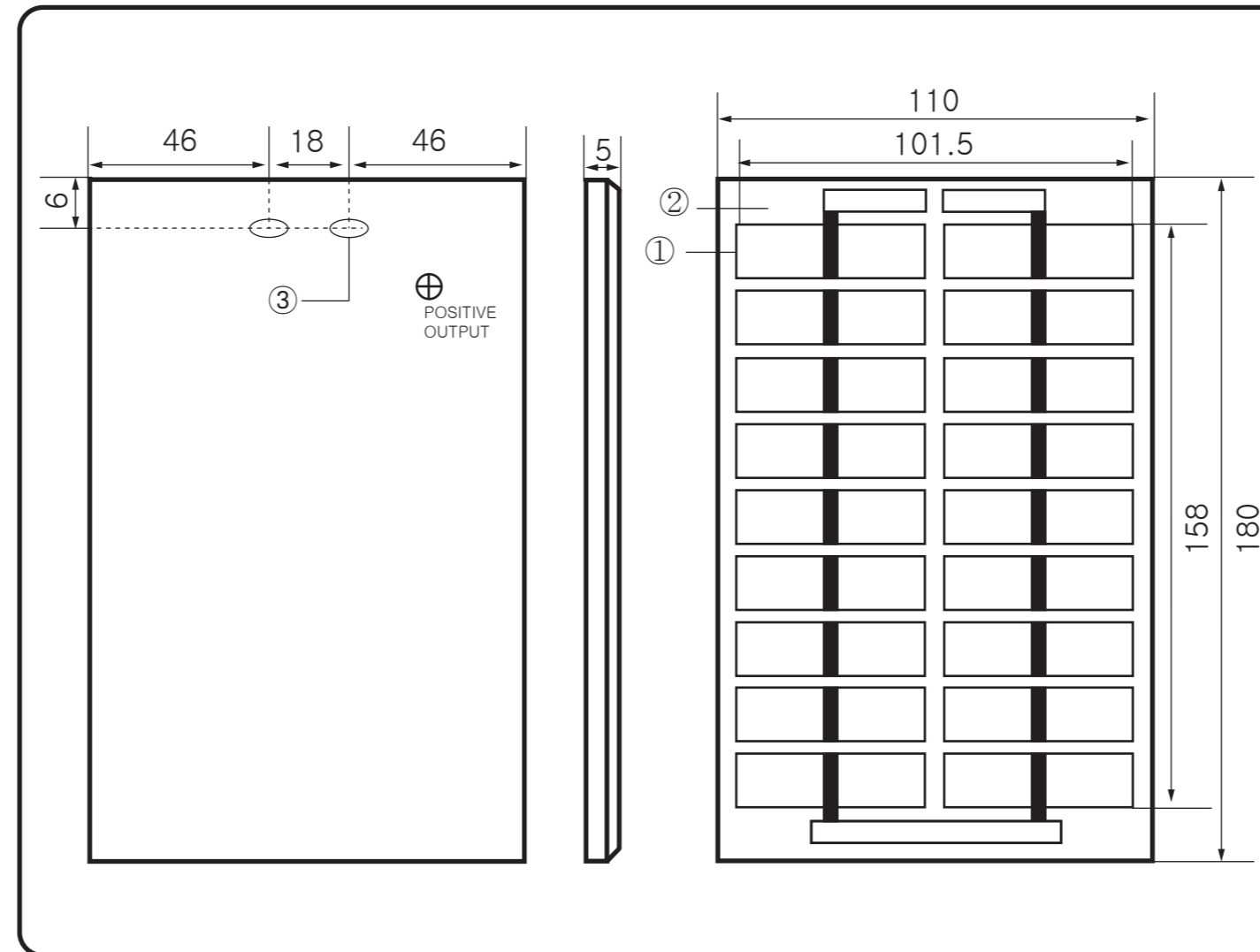
# TEDLER FILM

0711 0,17MM

COMPOSITION : 37my pvf-film  
75my PETP-film  
37my PVF-film

Property	Test Method	Value	Unit
Total Weight		approx. 243	g/m <sup>2</sup>
Thickness		approx. 0.17	mm
Tensile Strength	DIN 53455	length	approx. 170 N/10mm
		cross	approx. 170 N/10mm
Elongation	DIN 53455	length	approx. 95 %
		cross	approx. 140 %
Tear Strength	DIN 53363	length	approx. 140 N/mm
		cross	approx. 243 N/mm
Pool Strength		length	film damage before
		cross	delamination
Weight Loss	DIN 40634	approx. 0.25	%
	24h 150°C		
Dimensional Stability	DIN 40634	length	approx. 2 %
	0.5h 150°C	cross	approx. 1.25 %
Permeability for Water Vapour	DIN 53122/1	1.82	g/m <sup>2</sup>
Breakdown voltage Shelf Life	DIN 53481	≥18	kv
	1year at40°C		

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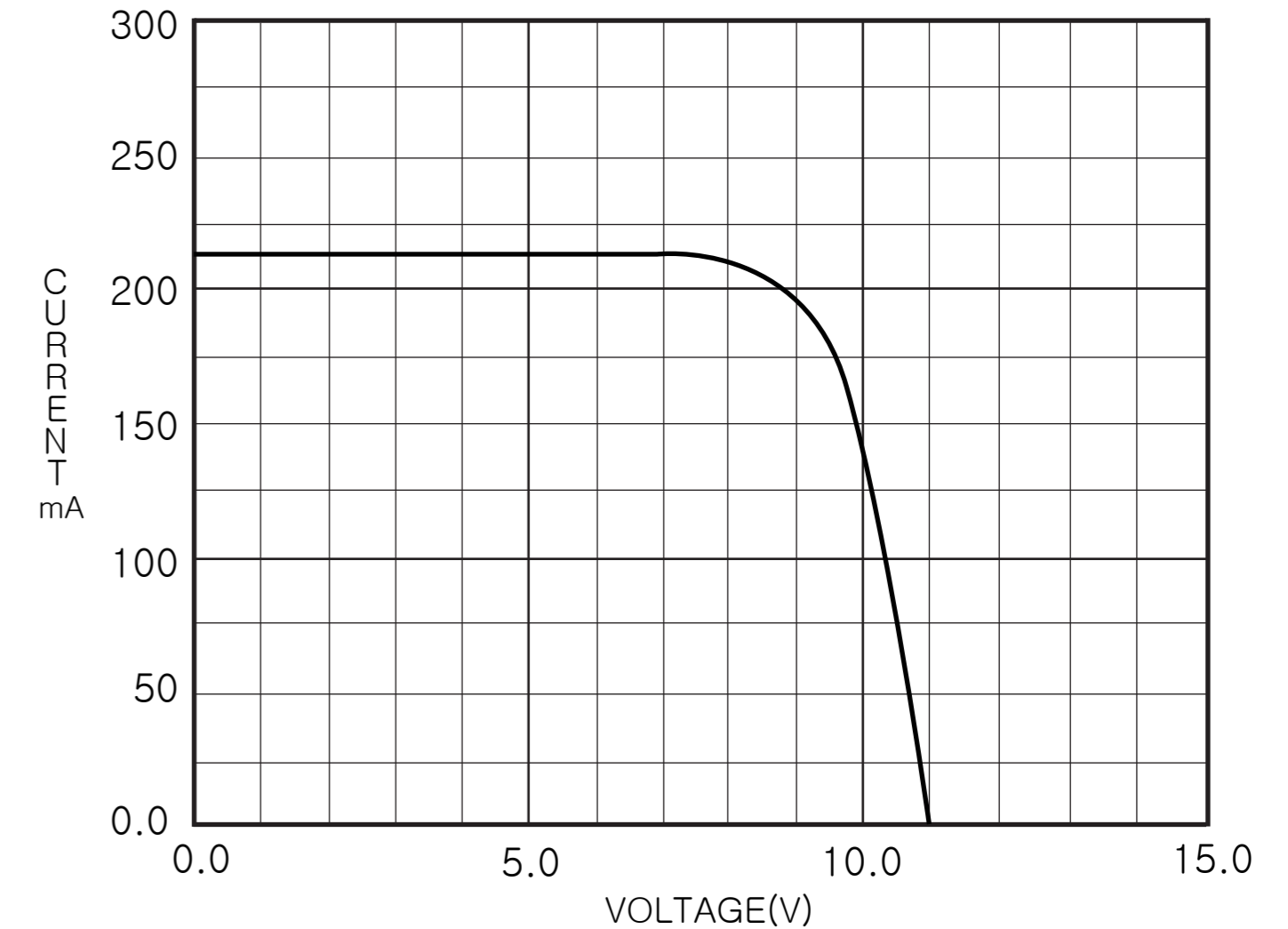


- ① SOLAR CELL TYPR : POLY-CRYSTAL SILICON SOLAR CELL  
18PCS IN SERIES 0.50×18.3mm 1/14
- ② SUPERSTRATE : LOW-IRON GLASS, 180×110×3.3mm  
ENCAPSULATION : EVA/WHITE TEDLER SYSTEM
- ③ OUTPUT POINT : φ3.5MM, PRE-TINNED  
MODULE THICKNESS : 5.0 ± 0.5MM

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# SOALR CELLS I.V CURVE

PEAK POWER(W<sub>p</sub>) : 1.64W  
VOLTAGE AT PEAK POWER(V<sub>pp</sub>) : 8.2V  
CURRENT AT PEAK POWER(I<sub>pp</sub>) : 200mA  
OPEN CIRCUIT VOLTAGE(V<sub>oc</sub>) : 10.4V  
SHORT CIRCUIT CURRENT(I<sub>sc</sub>) : 220mA  
MEASURED AT 1KW/SQ.M.AM 1.5, 25°C



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