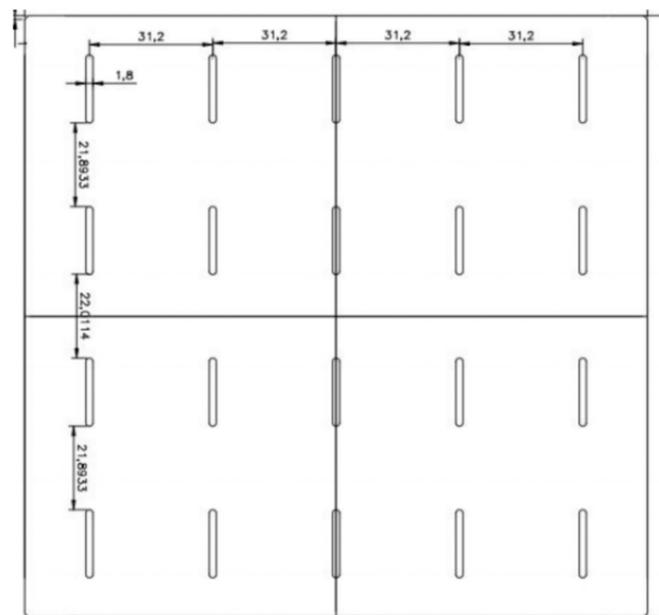
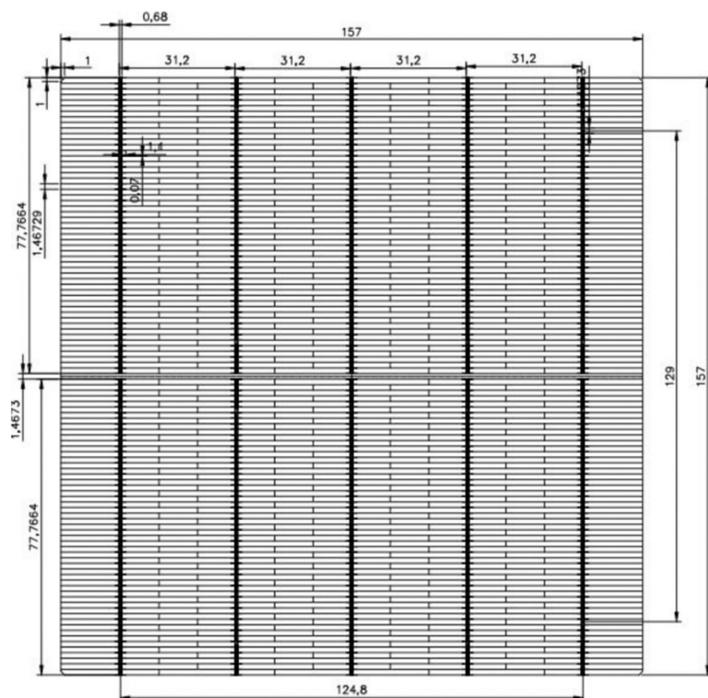


# PRODUCT MAIN

## 158.75-MONO-5BB-PID

### FEATURES



### TECHNICAL DATA AND DESIGN

Dimension	158.75mm*158.75mm ± 0.5mm
Thickness	150 ± 20µm
Front	5*0.7 ± 0.1mm busbar(Silver), 120 fingers(Silver), Blue Anti-reflection (Silicon Nitride)
Back	Back electrode (Silver) width 1.8 ± 0.3mm, Back side cover aluminum back filed

### SOLDERABILITY

Minimum Peel Strength	≥1.4N/mm
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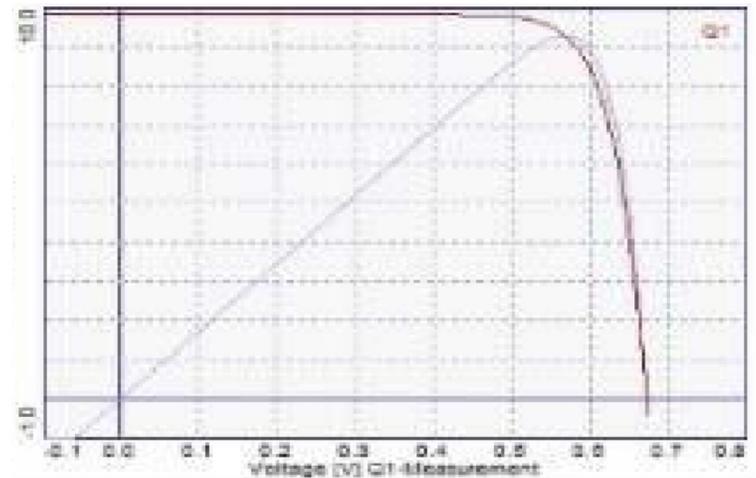
Resultes may vary depending on electrode, welding method and conditions.



### TEMPERATURE COEFFICIENT

TkVoltage:	-0.36 %/K
TkCurrent:	+0.07%/K
TkPower:	-0.36%/K
Rsh≥35Ω, Irev2≤0.8A	

### IV CURVE



### LIGHT INTENSITY RELIABILITY

Intensity(W/m2)	Uoc	Isc
1000	1.000	1.000
900	0.996	0.903
800	0.991	0.803
600	0.988	0.602
400	0.962	0.403

Taking the Voc(lsc) of 1000W/m² test as the standard, test the magnitude of the decrease of Voc(lsc) with the light intensity.

### FRONT ELECTRICAL PERFORMANCE PARAMETERS

Eff(%)	Pmpp(W)	Vmpp(V)	Impp(A)	Voc(V)	Isc(A)	FF(%)
22.8	5.75	0.583	9.87	0.685	10.32	81.34
22.7	5.72	0.582	9.85	0.684	10.31	81.11
22.6	5.69	0.581	9.82	0.683	10.30	80.88
22.5	5.67	0.580	9.79	0.682	10.29	80.79
22.4	5.64	0.579	9.76	0.681	10.28	80.56
22.3	5.62	0.578	9.74	0.680	10.27	80.47
22.2	5.59	0.577	9.72	0.679	10.25	80.32
22.1	5.57	0.576	9.71	0.678	10.24	80.23
22.0	5.54	0.574	9.69	0.677	10.22	80.07

Standard Test Conditions: 1000W/m², AM1.5, 25°C