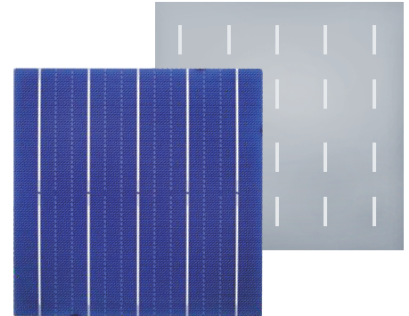
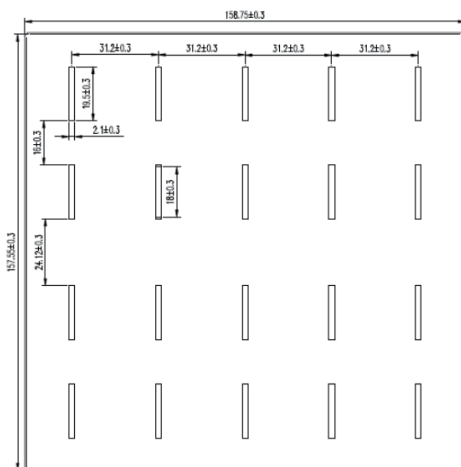
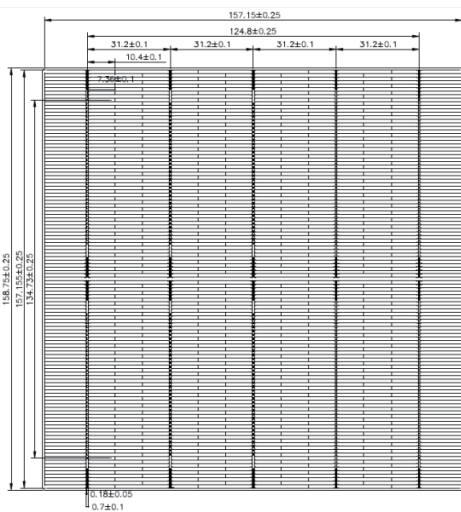


M158-PERC-5BB

Appearance



Dimension	158.75mm x 158.75mm ± 0.25mm
Thickness	190µm ± 30µm
Front(-)	5* 0.7mm bus bars (silver), 120 finger grids; Blue anti-reflecting coating (silicon nitride)
Rear(+)	Width of back electrode (silver) 1.8±0.3 mm, Back surface field (aluminum)



Solder Ability

Peel strength Minimum ≥ 1.4N/mm

Results may be different due to different ribbons, soldering methods and parameters.

Electrical Performance

EFF Code(%)	Pmpp(W)	Vmpp(V)	Impp(A)	Voc(V)	Isc(A)
22.60%	5.70	0.582	9.789	0.6885	10.346
22.50%	5.67	0.581	9.761	0.6871	10.308
22.40%	5.65	0.579	9.756	0.6858	10.300
22.30%	5.62	0.578	9.726	0.6842	10.276
22.20%	5.59	0.576	9.705	0.6830	10.251
22.10%	5.57	0.575	9.688	0.6813	10.244
22.00%	5.54	0.572	9.686	0.6779	10.227
21.90%	5.52	0.571	9.667	0.6768	10.218
21.80%	5.49	0.569	9.651	0.6750	10.192
21.70%	5.47	0.567	9.648	0.6731	10.188
21.60%	5.44	0.566	9.611	0.6712	10.164

*Standard Test Condition 1000W/m², AM1.5, 25°C

Temperature Coefficient

Tk Voc:	(-0.36±0.0068) %/K
TK Isc:	(+0.0415±0.0039) %/K
Tk Pmpp:	(-0.3467%±0.0085) /K
Rsh ≥ 35Ω, Irev2 ≤ 0.8A	

Light Intensity Characteristic

Intensity[W/m ²]	Voc	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

IV Curve

