

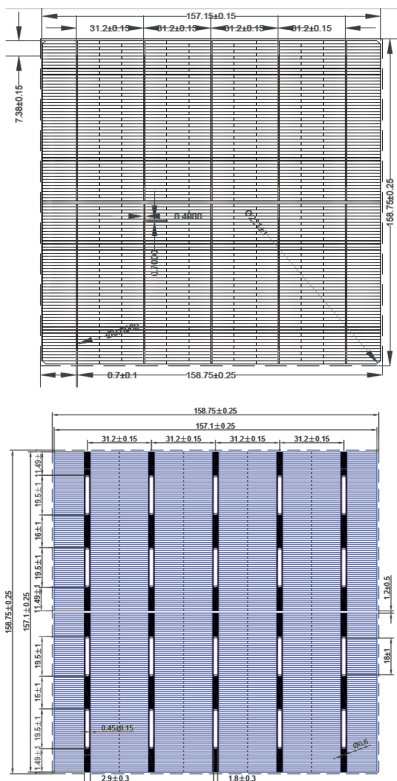
M158BP-PERC-5BB

Appearance

Dimension	158.75mm x 158.75mm ± 0.25mm
Thickness	190μm ± 30μm
Front(-)	5 bus bars (silver), width 0.7mm, 106 finger grids, Blue anti-reflecting coating(silicon nitride)
Rear(+)	Wide soldering pads (silver)1.8mm, 5 bus bars (aluminum), 160 finger grids(aluminum), Blue anti-reflecting coating (silicon nitride)

Light Intensity Characteristic

Intensity[W/m²]	Voc	Isc
1000	1.0	1.0
900	0.99	0.9
800	0.99	0.8
600	0.98	0.6
400	0.96	0.4



Electrical Performance

EFF Code(%)	Pmpp(W)	Vmpp(V)	Ipp(A)	Voc(V)	Isc(A)
22.6%	5.69	0.579	9.835	0.683	10.390
22.5%	5.66	0.577	9.815	0.682	10.388
22.4%	5.64	0.576	9.807	0.680	10.370
22.3%	5.62	0.574	9.792	0.679	10.344
22.2%	5.59	0.571	9.792	0.678	10.334
22.1%	5.57	0.569	9.792	0.677	10.333
22.0%	5.54	0.568	9.759	0.677	10.313
21.9%	5.52	0.567	9.728	0.676	10.290
21.8%	5.49	0.567	9.693	0.675	10.254
21.7%	5.47	0.564	9.693	0.674	10.226
21.6%	5.44	0.563	9.658	0.671	10.221
21.5%	5.42	0.561	9.654	0.669	10.209
21.4%	5.39	0.558	9.663	0.667	10.195
21.3%	5.37	0.557	9.640	0.665	10.174

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

Back Efficiency Distribution

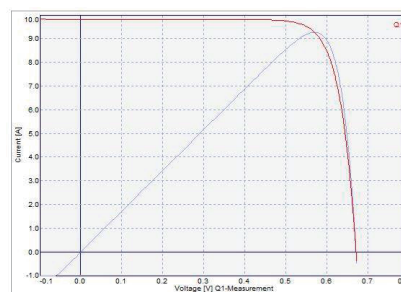
Efficiency (%)	Pmpp(W)	Vmpp(V)	Ipp(A)	Voc(V)	Isc(A)
>17.0%	4.30	0.571	7.519	0.671	7.877
16.5%-17.0%	4.22	0.570	7.407	0.671	7.746
16.0%-16.5%	4.10	0.568	7.225	0.666	7.590
<16.0%	4.00	0.564	7.083	0.658	7.518

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

Temperature Coefficient

TkVoltage	-0.36%/K
TKCurrent	+0.06%/K
TkPower	-0.36%/K

Front IV Curve



Back IV Curve

