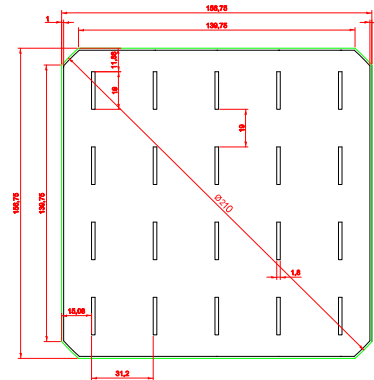
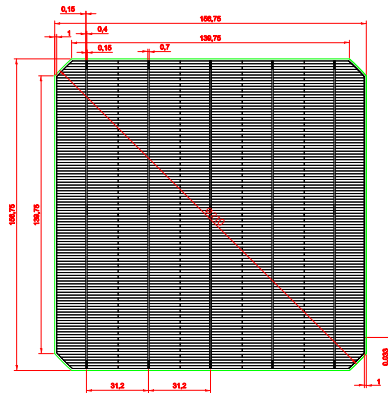


# SRP-C-6M<sub>156.75-156.75-5BB</sub> Mono SILICON SOLAR CELLS



## MECHANICAL DATA AND DESIGN

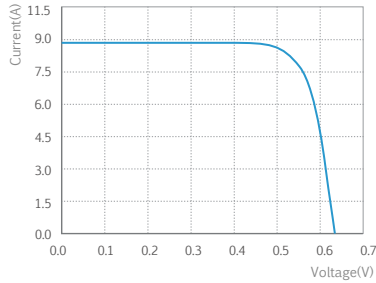
Format	156.75mmx156.75mm
Thickness	200μm±20μm
Front(-)	0.7mm wide busbar(silver),blue anti-reflecting coating(silicon nitride)
Back(+)	1.8mm wide soldering pads(silver),back surface field(aluminum)

## TEMPERATURE COEFFICIENTS

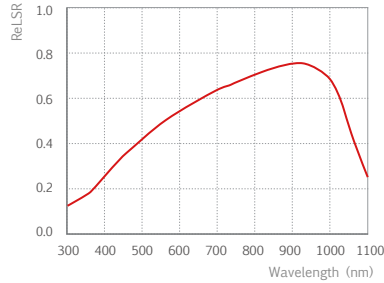
TkVoltage	- 0.32%/K
TkCurrent	+0.05%/K
TkPower	- 0.400%/K

# SRP-C-6M 156.75-156.75-5BB Mono SILICON SOLAR CELLS

IV CURVE



SPECTRAL RESPONSE



INTENSITY DEPENDENCE

Intensity [W/m <sup>2</sup> ]	Isc*	Voc*	Pmpp
1000	1.00	1.00	1.00
900	0.90	0.99	0.90
800	0.80	0.99	0.79
500	0.50	0.97	0.49
300	0.30	0.94	0.29
200	0.20	0.91	0.19

\*Ratio of Voc(Isc) at reduced intensity to Voc(Isc) at 1000 W/m<sup>2</sup>

Efficiency(%)	Pmpp(W)	Umpp(V)	Impp(A)	Uoc(V)	Isc(A)	FF(%)
20.50%	5.02	0.550	9.128	0.646	9.63	80.7
20.40%	5.00	0.548	9.116	0.645	9.61	80.6
20.30%	4.97	0.546	9.106	0.644	9.59	80.5
20.20%	4.95	0.546	9.058	0.644	9.54	80.5
20.10%	4.92	0.544	9.048	0.643	9.51	80.5
20.00%	4.90	0.544	9.010	0.643	9.47	80.5