

# 5BB MONO PERC CELL

158.75mm x 158.75mm

## Mechanical Characteristics

|           |                                                                                            |
|-----------|--------------------------------------------------------------------------------------------|
| Format    | 158.75mm x 158.75mm                                                                        |
| Thickness | 190um $\pm$ 30um                                                                           |
| Front (-) | 0.7 $\pm$ 0.1mm silver segmented busbar<br>Blue anti-reflecting, coating (silicon nitride) |
| Back (+)  | 1.8 $\pm$ 0.2mm wide soldering silver pads,<br>Back surface field (aluminium)              |

## Temperature characteristics

|                                     |                      |
|-------------------------------------|----------------------|
| Current Temperature Coefficient-Isc | TKCurrent: +0.042%/K |
| Voltage Temperature Coefficient-Voc | TKVoltage: -0.36%/K  |
| Power Temperature Coefficient-Pmax  | TKPower: -0.35%/K    |

## Electrical Characteristics under STC\*

|                                 |        |        |        |        |        |        |
|---------------------------------|--------|--------|--------|--------|--------|--------|
| Efficiency (%)                  | 22.6   | 22.4   | 22.2   | 22.0   | 21.8   | 21.6   |
| Power-Ppm (W)                   | 5.70   | 5.64   | 5.59   | 5.54   | 5.49   | 5.44   |
| Current at Maximum Power-Imp(A) | 9.789  | 9.756  | 9.705  | 9.686  | 9.651  | 9.611  |
| Short Circuit Current-Isc(A)    | 10.346 | 10.300 | 10.251 | 10.227 | 10.192 | 10.164 |
| Voltage at Maximum Power-Vmp(V) | 0.582  | 0.579  | 0.576  | 0.572  | 0.569  | 0.566  |
| Open Circuit VoltageVoc(V)      | 0.689  | 0.686  | 0.683  | 0.678  | 0.675  | 0.671  |

