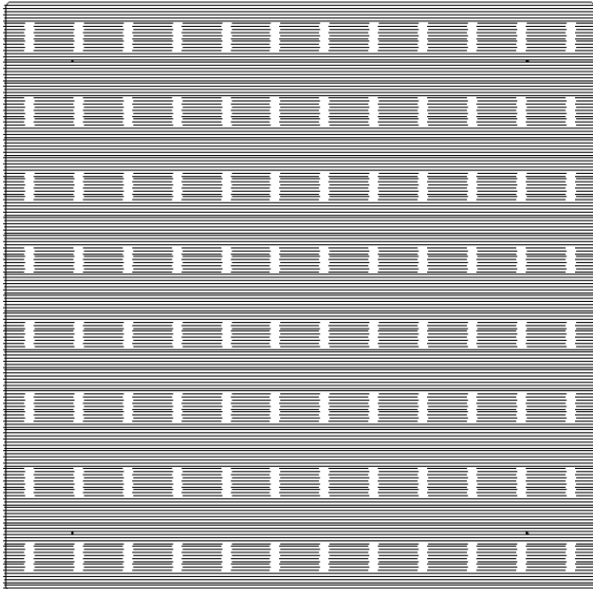


Design of laser opening contact



产品特征 Product characteristics

尺寸规格 Dimension: 210mmx210mm±0.25mm, Φ295mm±0.25mm;	TkVoltage: -0.32%/K
电池厚度 Cell Thickness: 190μm±20μm	TkCurrent: +0.04%/K
正面 (-) Front side: 0.09±0.05mm wide bus bars, Silicon nitride anti-reflection coating, and the bus bar have two forks on the head. The size of the middle seven pads in the intersections of the bus bar and fingers is 1.2x0.48mm, and the size of head and tail tow pads in the intersection of the bus bar and fingers is 1.4x0.68mm.	TkPower: -0.42%/K
背面 (+) Back side: 2.9±0.3mm, 1.2±0.3mm and 1.0±0.3mm wide, 8 sections 1.4±0.3mm silver anode, no laser pattern under the rear electrode, Silver electrode has round head, and silver electrode is 2.5±0.5mm hollow at both ends.	Rsh ≥50Ω, Irev2 ≤1.0A

电性能特征 Electric characteristics

Eff (%)	Pmpp (W)	Ump(V)	Impp(A)	Voc(V)	Isc(A)	FF(%)
23.10-23.20	10.19	0.589	17.300	0.6925	18.125	81.18
23.00-23.10	10.14	0.588	17.244	0.6917	18.114	80.98
22.90-23.00	10.10	0.587	17.201	0.6912	18.092	80.74
22.80-22.90	10.05	0.586	17.158	0.6903	18.063	80.62
22.70-22.80	10.01	0.584	17.146	0.6895	18.048	80.45
22.60-22.70	9.97	0.583	17.113	0.6887	18.025	80.31

22.50-22.60	9.92	0.582	17.05	0.6878	17.982	80.24
22.40-22.50	9.88	0.58	17.035	0.6863	17.965	80.16
22.30-22.40	9.83	0.579	16.983	0.6842	17.951	80.05
22.20-22.30	9.79	0.577	16.964	0.6828	17.925	79.97
22.10-22.20	9.75	0.575	16.957	0.6812	17.898	79.89
22.00-22.10	9.7	0.574	16.906	0.6795	17.882	79.81
21.90-22.00	9.66	0.572	16.89	0.6781	17.866	79.73
21.80-21.90	9.61	0.57	16.864	0.6766	17.841	79.62
21.70-21.80	9.57	0.569	16.825	0.6745	17.818	79.58
21.60-21.70	9.52	0.567	16.797	0.6733	17.805	79.45
21.50-21.60	9.48	0.565	16.782	0.6721	17.792	79.29
21.40-21.50	9.44	0.564	16.746	0.671	17.775	79.16
21.30-21.40	9.39	0.562	16.715	0.6696	17.758	79.01
21.20-21.30	9.35	0.561	16.673	0.6689	17.746	78.88

●标准测试条件下(Under standard test condition): 1000W/ m² , AM 1.5 , 25°C

●图示说明(Illustration): 22.0%→实际范围(actual range)22.00%~22.10%

●规范和数据只供参考, 如有更改恕不另行通知 Specification and data are for reference only and may change without prior notice.