

规格书 SPECIFICATION

STYLE 品名	光伏连接器 Photovoltaic connector	DOCUMEN NO 编号	PNTK-P5-001
SIZE 规格	PV005	Signature and seal of 客户签章	If you do not sign back, this specification is used by default. 如未回签, 默认依此规格书。
CONSTRUCTION FIGURE 截面图			

STANDARD BASIS 标准依据

IEC 62852: 2014

配线规格	Match wire specifications	2mm ² , 4mm ² , 6mm ²
额定电压	Rated voltage	DC 1500V
额定电流	Rated current	30A
端子材质	Contact material	镀锡铜 Tinned copper
绝缘材料	Insulation material	PA66
接线类型	Type of connection	压接 Crimping
锁紧系统	Locking system	嵌入式 Locking type
防护等级	Degree of protection	IP65/IP68
环境温度范围	Ambient temperature range	-40℃~+85℃
温度上限	Upper temperature limit	100℃
接触电阻	Contact resistance of plug connectors	≤0.5mΩ
耐压实验	Withstand voltage test	8.0KV, 1min
阻燃等级	Flame class	UL94-V0
兼容性	compatibility	兼容MC4连接器 Compatible with MC4 connectors
盐雾试验	Salt spray test	严酷等级6 Degree of severity 6
湿热实验	Damp heat test	无损坏 No damage occurred which could impair normal use
可装配性	Assemblability	插入力≤50N, 拔出力≥50N Insertion force ≤50N, withdrawal force ≥50N
连接器拉脱力	Connector pulling force	≥200N
使用寿命	Warranty period	25年 Twenty-five years
包装数量	Packing quantity	500套/箱 500 sets/box

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