

Customer/客户		
Standard/标准	EN50618	
Construction/规格	H1Z2Z2-K 1X4mm ²	
Insulation (绝缘)		
Construction Item	Units	4.0mm ²
Construction/构造	mm	56/0.295±0.008
Material/材质	---	Tinned copper wire
O.D/绞合外径	mm	2.50
Material/材质	---	XLPE
Avg.Thick/平均厚度	mm	0.70
Min.Thick/最小厚度	mm	0.50
O.D/线径	mm	3.95±0.15
Color/颜色	---	黑色
Twisted Pair (对绞)		
Ins.Color/芯线颜色	---	/
Lay of Strand/绞距	mm	/
O.D/绞合外径	mm	/
Assemble (成缆)		
Filling/填充	---	/
Lapping/包带	---	/
Drain.wire/地线	---	/
Covering (内护)		
Material/材质	---	/
Avg.Thick/标准厚度	mm	/
Min.Thick/最小厚度	mm	/
O.D/线径	mm	/
Color/颜色	---	/
Armour(铠装)		
Construction/结构	'---	/
Coverage/覆盖率	%	/
Shield (屏蔽)		
Material/材质	---	/
Construction/结构	---	/
Coverage/覆盖率	%	/
Jacket (护套)		
Material/材质	---	XLPE
Avg.Thick/平均厚度	mm	0.80
Min.Thick/最小厚度	mm	0.60
O.D/线径	mm	5.6±0.2
Color/颜色	'---	Black
Surface/外观	---	/
Marking (印字)		
TÜV DC1500V H1Z2Z2-K 1×4.0mm ² Solar PV Cable		

Sheet NO/编号	S0905001	
Construction Figure/截面图:		
Electric Characters 电气性能		
Voltage rating/额定电压: DC1500V		
Temperature rating/使用环境温度等级:-40~90°C		
Dielectric strength/耐压强度:AC-6.5kV/5min		
Spark test/火花测试:AC-10kV/In the air		
Conductor resistance/导体电阻: 5.35ΩKM Max at 20°C		
Weathering/UV-resistance/抗紫外线:720h, No cracking		
Thermal endurance properties/热寿命: 25 Years		
Physical Properties 物理性能		
Elongation of unaged values/老化前伸长率(%)≥ 125%		
Insulation Tensile strength of unaged values /绝缘老化前抗张强度 (N/mm2)≥ 6.5; Jacket Tensile strength of unaged values /护套老化前抗张强度(N/mm2)≥ 8.0		
Aged in a full draft circulating air oven/老化条件: 150±2.0°C/168h		
Elongation of After aging/老化后伸长变化率(%)≤ 30%		
Tensile strength of After aging/老化后抗张强度变化率: ≤ 30%		
Ozone resistance/耐臭氧性:25±2°C*24h No cracking		
Cold bend test/冷弯: -40±2°C*16h No cracking		
Cold impact test/冷冲击:-40°C*16h/1000g; 100mm No cracking		
Flame test/阻燃性:IEC 60332		
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APPROVED BY THE CLIENT 客户认可		

备注:

Revision Date:2016-09-05