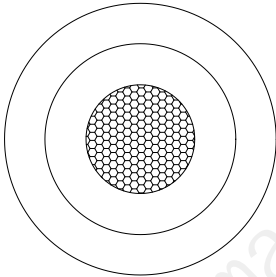


Data sheet

Standard 标准		Sheet NO/编号	S231030001
TUV 2PFG 1169		Construction Figure/截面图: 	
Construction 规格型号			
PV1-F 1×4.0mm ²			
product usage 产品用途			
Irradiation crosslinked halogen-free low smoke polyolefin insulation and sheath photovoltaic power generation system			
cable construction 电缆结构			
Conductor 导体	Construction Item/规格 mm ²	4.0mm ²	
	Construction/构造 mm	56/0.28±0.005	
	Material/材质	Tinned copper wire	
	O.D/绞合外径 mm	2.41	
Insulation 绝缘	Material/材质	XLPO	
	Avg.Thick/标准厚度 mm	0.7	
	Min.Thick最小厚度 mm	0.53	
	O.D/线径 mm	3.85±0.15	
	Color/颜色	Black	
Jacket 护套	Material/材质	XLPO	
	Avg.Thick/标准厚度 mm	0.8	
	Min.Thick最小厚度 mm	0.58	
	O.D/线径 mm	5.5±0.2	
	Color/颜色	Black	
Electric Characters 电气性能			
Voltage rating 额定电压 V	600/1000	Conductor resistance 导体电阻 ΩKM Max at20°C	5.09
Test voltage of finished cable 成品电缆测试电压 V	6500		
Physical Properties 物理性能			
Elongation of unaged values 老化前伸长率 %	≥125	bending radius 弯曲半径	≥6D
Tensile strength of unaged values 老化前抗张强度 N/mm ²	≥6.5	Temperature rating 温度等级 °C	-40~90
APPROVED 批准	CHECKED 审查	DESIGNED 编制	APPROVED BY THE CLIENT 客户认可
Colin	/	Colin	