



杭州爱思特线缆有限公司

Customer/客户		Sheet NO/编号	20231025
Standard/标准	EN 50618	Construction Figure/截面图 :	
Construction/规格	H1Z2Z2-K 4		
conductor(导体)			
Construction Item	Units	4.0mm ²	
Construction/构造	mm	56/0.3	
Material/材质	---	镀锡导体/Tinned copper	Electric Characters 电气性能
O.D/绞合外径	mm	2.50	Voltage rating/额定电压:0.6/1KV
			Temperature rating/使用环境温度等级:-40~90℃
Insulation (绝缘)			Dielectric strength/耐压强度:AC-6.5kV/5min
Material/材质	---	XLPO	Spark test/火花测试:AC-10kV/In the air
Avg.Thick/平均厚度	mm	0.70	Conductor resistance/导体电阻 : 5.09ΩKM Max at20℃
Min.Thick最小厚度	mm	0.53	Weathering/UV-resistance/抗紫外线:720h , No cracking
O.D/线径	mm	3.9±0.1	Thermal endurance properties/热寿命: 25 Years
Color/颜色	---	黑色Black/红色Red	Physical Properties 物理性能
Jacket (护套)			Elongation of unaged values/老化前伸长率(%)≥125%
Material/材质	---	XLPO	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
Avg.Thick/平均厚度	mm	0.80	化前抗张强度(N/mm2):≥8.0
Min.Thick/最小厚	mm	0.58	Aged in a full draft circulating air oven/老化条件: 150±2.0℃/168h
O.D/线径	mm	5.5±0.2	Elongation of After aging/老化后伸长变化率(%)≤30%
Color/颜色	'---	黑色Black/红色Red	Tensile strength of After aging/老化后抗张强度变化率 : ≤30%
Surface/外观	---	/	Ozone resistance/耐臭氧性:25±2℃*24h No cracking
			Cold bend test/冷弯: -40±2℃*16h No cracking
Marking (印字)			Cold impact test/冷冲击:-40℃*16h/1000g ; 100mm No cracking
TÜV EN 50618 H1Z2Z2-K DC : 1.5kV AC:0.6/1kV 1×4mm ²			Flame test/阻燃性:IEC 60332
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		TÜV	

备注 :

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