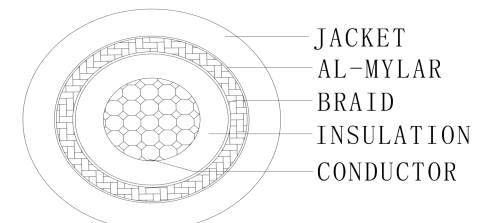



Customer name 客户名称:	Admission number 固臣承认书号: GC-2304015
Customer drawing number 客户料号:	Version number: 版本号 A
Design time 设计时间: 2023/04/06	Guchen Serial number 料号:
Describe 结构描述: QZJP2-C 2.5mmSQ~95mmSQ AC1000V DC1500V XLPE	Designer 设计工程:HCS Auditor 审核人:LZA
Packing 包装: /	是否要求保护

Construction (结构)										Cross Section (截面图)
Conductor(导体材质)										
BARE STRANDED COPPER CONDUCTOR										
Cross-Section (mm²)(截面积)	2.5mm²	4mm²	6mm²	16mm²	25mm²	35mm²	50mm²	70mm²	95mm²	
Construction (mm) (导体结构) (±0.007)	49/0.254	81/0.254	119/0.254	511/0.20	798/0.20	1121/0.20	1596/0.20	2242/0.20	2964/0.20	
Stranded Dia. (mm) (导体线径)	2.05 Ref.	2.64 Ref.	3.20 Ref.	5.75 Ref.	7.18 Ref.	8.51 Ref.	10.15 Ref.	12.03 Ref.	13.83 Ref.	
Insulation Material(绝缘材质)										
125°C XLPE										
Nom. Thickness (mm) (标称厚度)	0.8	0.8	0.8	1	1.3	1.3	1.5	1.5	1.5	
Min. Thickness (mm) (最小厚度)	0.64	0.64	0.64	0.8	1.04	1.04	1.2	1.2	1.2	
Insulation Dia. (mm) (线材线径)	3.7±0.20	4.40±0.20	5.05±0.20	8.10±0.30	10.4±0.40	11.6±0.50	13.5±0.50	15.3±0.50	18.0±0.50	
Braid Material(编织材质)										
TINNED STRANDED COPPER CONDUCTOR										
Braid Construction (编织结构)(±0.007)	16/8/0.12	16/9/0.12	16/10/0.12	24/10/0.12	24/9/0.16	24/10/0.16	24/11/0.16	24/9/0.20	24/10/0.20	
Braid Coverage(遮蔽率)	85% Min.	85% Min.	85% Min.	85% Min.	85% Min.	85% Min.	85% Min.	85% Min.	85% Min.	
AI/Mylar Overlap(重叠率)										
25% Min(Inside)										
Jacket Material(护套材质)										
125°C XLPE										
Nom. Thickness (mm) (标称厚度)	1	1	1	1	1.5	1.5	1.7	1.7	1.7	
Min. Thickness (mm) (最小厚度)	0.8	0.8	0.8	0.8	1	1	1.16	1.16	1.16	
Outer Dia. (mm) (外径)	5.90±0.30	6.80±0.30	8.0±0.30	11.20±0.50	14.00±0.50	14.50±0.50	17.0±0.50	19.60±0.80	22.7±0.80	
Max. DC Resistance at 20 °C(Ω/km)电阻	7.6	4.71	3.14	1.16	0.743	0.527	0.368	0.259	0.196	
Insulation Color(颜色)										Orange
Jacket Color(颜色)										Orange
Marking(印字)										QZJP2-C ( )mm² -40°C ~+125°C AC1000V / DC1500V ⚡ ATTENTION HIGH VOLTAGE ⚡ XLPE
Marking Color(颜色):Black										

Performance (性能)		Environmental Protection(环保)
Electrical Characteristics:	Mechanical Characteristics:	Environmental protection: 环保
1.Rated Temperature (°C): 额定温度	-40~125	1.不含双方签订的环保标准的 1级管理物质.
2.Rated Voltage (V): 额定电压	1000V(AC)/1500(DC)	2.RoHS, REACH.
3.AC Dielectric Strength 耐电压	1KVAC(50Hz)x30min~5KVAC(50Hz)x5min~8KVAC	
4.Spark voltage (KV): 火花测试	Insulation:10KV AC Jacket:8KV AC	
5.Min. In Resistance at 70°C (Ω.mm)电阻	10 <sup>9</sup> Ω.mm	
6.Flammability Test: 燃烧等级	<30S	
7.Reference Standard: 设计依据	QC/T1037	
		Contact information (联系方式)
		Shenzhen Guchen Electronic Co., Ltd.
		Email address: ec@guchen.com Website: https://www.guchen-connector.com
		

Customer result feedback 客户结果反馈