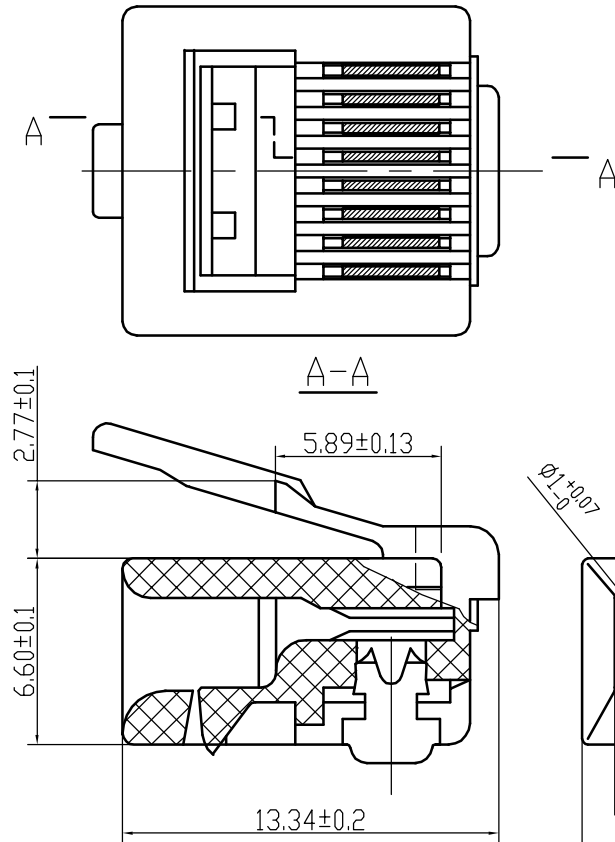
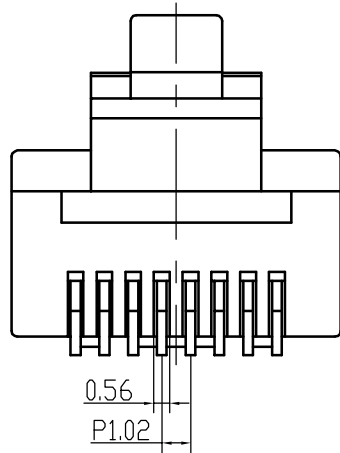
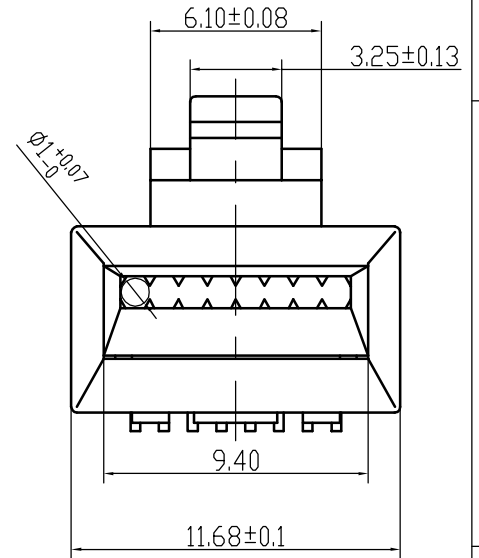


PART NO. LIST			
NO.	PART NO.	PLATING	材料
1	A103-88GF-A003	Au G/F	PC 透明普通环保
2	A103-8830-A003	Au 30u"	PC 透明普通环保
3	A103-8806-A003	Au 6u"	PC 透明普通环保
4	A103-8803-B003	Au 3u"	PC 透明阻燃环保
5	A103-8850-A003	Au 50u"	PC 透明普通环保
6	A203-88GF-A002	Au G/F 半镀	PC 透明普通环保
7	A103-8850-B003	Au 50u"	PC 透明阻燃环保
8	A103-8806-B003	Au 6u"	PC 透明阻燃环保
9	A103-8830-B003	Au 30u"	PC 透明阻燃环保



REV.	ECN NO.	DATE
04	增加易飞	09.3.26



技术要求

1. 插头相邻端间绝缘电阻正常值不少于1000MΩ。
2. 相邻端耐压强度正常值能承受AC1000V，一分钟无击穿或飞弧现象。
3. 机械寿命不少于1000次。

2	QWY-1029-1	普通金片	QSn6.5-0.1 T=0.35	
1		短身 8P8C 插头	SEE TABLE	
NO.	DWG NO.	NAME	DESCRIPTION	
			NAME:	短身 8P8C-F
			DWG NO:	QWY-1073-3
			PART NO:	SEE TABLE
			REV	04

RoHS Compliant

CZT® 意华通讯接插件有限公司
YIHUA COMMUNICATED CONNECTOR CO.,LTD.

FIRST ANGLE PROJECTION	A4	SCALE	UNIT	CUSTOMER:
	SIZE	1:1	mm	MODEL NO:

TOLERANCES
0~15 ±0.15
15~30 ±0.2
30~ ±0.25
ANGLES: ±1°

MATERIAL: SEE TABLE
FINISH: SEE TABLE
SHEET 1 OF 1

DESIGNED: 李海燕 09.3.26
CHECKED:
APPROVED:

NAME: 短身 8P8C-F
DWG NO: QWY-1073-3
PART NO: SEE TABLE

REV
04

吴江市智成电子厂

WU JIANG ZHI CHENG ELECTRIC FACTORY

SPECIFICATION FOR APPROVAL

SYTLE（型号）			UL 1007 电子线							
AWG SIZES（规格）			16-30 TS							
APPLICATIONS（应用范围）：USE FOR INTERNAL WIRING OF APPLIANCES 600V PEAK-FOR ELECTRONIC USE ONLY.										
INSTRUCTION(构成)：										
CONDU- CTOR	MATERIAL		Soft-annealed tinned copper wire							
	SIZE		30	28	26	24	22	20	18	16
	CONSTRUCTION		7	7	7	11	17	21	34	26
	单支铜丝公差±0.005mm		0.1±0.008	0.127±0.008	0.16±0.008	0.16±0.008	0.16±0.008	0.178±0.008	0.178±0.008	0.254±0.008
	Conductor Diameter		0.31±0.05	0.38±0.05	0.48±0.05	0.61±0.05	0.76±0.05	0.95±0.05	1.2±0.05	1.5±0.05
INSU- LATION	MATERIAL		PVC Class 43							
	Minimum Thickness		0.33							
	Nominal Thickness		0.38							
	DIAMETER		1.1±0.1	1.2±0.1	1.3±0.1	1.4±0.1	1.6±0.1	1.8±0.15	2.1±0.15	2.4±0.15
	COLOR		OPTIONNAL							
PHYSIC ALPRO PERTIE S	UNAGED	Elongation	100%							
		Strength	1.05 kgf/mm ²							
	AFTER AGING	Elongation	65%(121±1.0℃×168Hr)							
		Strength	70%(121±1.0℃×168Hr)							
CONDUCTOR RESISTAN-CE (Ω/KM,20℃)			381	239	150	94.2	59.4	36.7	23.2	14.6
INSULATION RESISTANCE			>0.232MΩ/kft							
DIELECTRIC-WTTHSTAND TEST			2,000V							
SPARK TEST			3.000V							
HEAT SHOCK TEST			Not any cracks(121±1.0℃)							
DEFORMATION TEST			T2/T1>0.50(121±1.0℃)							
COLD-BEND TEST			Not any cracks(-20±2.0℃)							
FLAME TEST			VW-1							
MARKING			E237831 兄 AWM 1007 (16-30)AWG 80℃ 300V VW-1 C兄 AWM I A 80℃ 300V FT1 ZHICHENG LM							

审核: 刘中见

制订: 欧景良

ELECTRICAL AND PHYSICAL PROPERTIES(电气性能和物理性能):				
ITEM (项目)			标准值	16-30AWG
CONDUCTOR RESISTANCE (20℃ 导体电阻)			参照第二页	
INAL. RESISTANCE (绝缘电阻)			10 MΩ /KM ↑	
SPARK TEST (火花测试)			3KV/0.15S NO BREAKING	
INSULATION (绝缘)	UNAGED (老化前)	TENSILE STRENGTH (抗张强度)	Min	1500PSI ↑
		ELONGATION (伸长率)	Min	100% ↑
	AGED (老化后)	TENSILE STRENGTH (抗张强度)	Min	70% ↑
		ELONGATION (伸长率)	Min	65% ↑
JACKET (外被)	UNAGED (老化前)	TENSILE STRENGTH (抗张强度)	/	
		ELONGATION (伸长率)	/	
	AGED (老化后)	TENSILE STRENGTH (抗张强度)	/	
		ELONGATION (伸长率)	/	
DEFORMATION TEST (加热变形)		INSULATION	50% ↓	
		JACKET	/	
COLD BEND TEST (冷挠测试)			—10±1℃/1HR NO CRACKING	
HEAT SHOOK TEST (热挠测试)			121±1℃/2HR NO CRACKING	
FLAME TEST (耐燃测试)			PASS VW-1	
CABLE IDENTIFICATION (线材鉴定):				
E237831 兄 AWM 1007 (16-30)AWG 80℃ 300V VW-1 C兄 AWM I A 80℃ 300V FT1 ZHICHENG LM				
CABLE CONSTRUCTION DRAWING (线材结构草图):				
导体 CONDUCTOR 绝缘 INSULATION ← 参照第二页 → 