

FCC1015A 规格书

FCC1015A Datasheet

型号 / MODEL NO: FCC1015A

版本 / SPEC VERSION: V00

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本技术规格如有更改，恕不另行通知

This technical specification is subjected to change without notice

修订记录 / Record of Revision

[illegible]

1 实物图 / Physical Feature



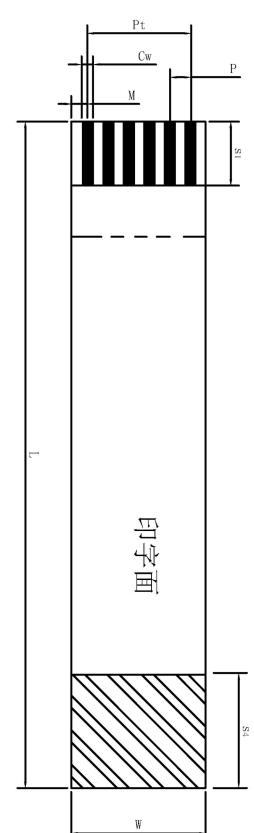
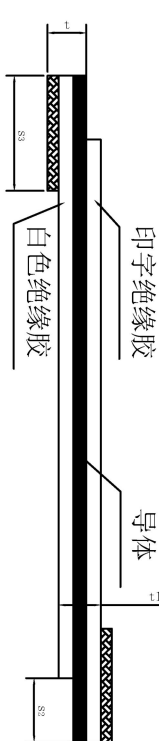
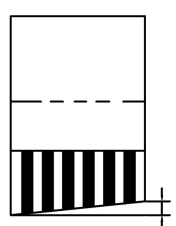
间距 1.0mm 的 10Pin 反向 FPC 扁平电缆软排线，线长 15cm

10Pin reverse FPC flat flexible cable with 1.0mm spacing, 15cm in length

2 功能说明 / Function Specification

Characteristics 性能	Test Item 测试项目		Testing Method 测试方法	Specification 规格
Electric-characteristics 电器性能	Conductor Resistance 导体阻抗		JIS-C-3102	Less than 0.32 Ω /m 小于 0.32 Ω /m
	Insulation resistance 绝缘电阻		DC500V/min	No breakdown 不击穿
	Conductivity 导通		Tester(DC3v)	No open 无开路
	Rated voltage&temperature 额定电压、电流及温度		UL Sub,758	60V /0.1A/80℃
Physical&chemical characteristics 物理和化学性能	Operating temperature 操作温度		Fixed wiring condition	30℃~80℃
	Flaming test 难燃性测试		UL Sud,758	VW-1
	Heat resistance 抗热性能		85℃/96Hrs	No trouble with insulation resistance and withstand voltage 绝缘电阻和耐电压符合要求
	Humidity resistance 抗湿测试		40℃ 95%RH/96Hrs	No trouble with insulation resistance and withstand voltage 绝缘电阻和耐电压符合要求
	Heat cycle 热循环		-40℃×4h~85℃×4h~25℃×1h/5cycle	No trouble with insulation resistance and withstand voltage 绝缘电阻和耐电压符合要求
Mechanical-Characteristics 机械性能	Folding test at 180℃ 180℃折弯测试		Only for insulating section 只对绝缘部份	Min 30cycles 30 回以上
	Flexing test 柔性测试		R=5mm,700cycles/min,20mm	Min 10000cycles 10000 回以上
	Abrasion test 耐磨测试		Φ0.5mm,600g,60cycles/min	Min 10000cycles 10000 回以上
	Insulator 绝缘体	Elongation 伸长率	JIS-K-6732	Min 60% 60%以上
		Tensile strength 抗拉强度		3.5kg/mm ²
	Adhesive strength 附着力		Between conductor and insulator 导体与绝缘体之间	Greater than 0.2kg/cm 大于 0.2kg/cm
			Between conductor and insulator 绝缘体与绝缘体之间	Greater than 0.6kg/cm 大于 0.6kg/cm
			Between conductor and insulator 绝缘体与补强板之间	Greater than 0.6kg/cm 大于 0.6kg/cm
	Call waiting times 插拔次数		Insert and dip test with the matching row plug 与相匹配的排插进行插拔测试	Less than or equal to 20 times 小于或等于 20 次

		样品图规	
CUSTOMER(客户):		Customer Part NO.(客户部品号):	
		Part Descripon (部品规格): B1. 0*10*150 (5/5/10/10)*(0.035*0.65) 105度 UI.20706	
Item	项目	Specification	规格值
NO. of conductors	导体芯数 N	10	
Pitch	间距 P	1.0±0.1	
Total Pitch	全间距 PT	9±0.15	
Total Length	总长度 L	150±2	
Insulation Length	绝缘长度 IL	140±2	
Margin Width	边缘宽度 M	1.0±0.15	
Total Width	总宽度 W	11±0.15	
Strip Length	线口长度 S1	5±1	
Strip Length	线口长度 S2	5±1	
Reinforcing tape length	补强板长度 B1	10±2	
Reinforcing tape length	补强板长度 B2	10±2	
Slanting	线口倾斜度 A	≤0.3	
Over lap	冲孔	/	
Terminal thickness	插入厚度 t	0.3±0.05	
Thickness insulation	线身厚度 t1	0.12±0.05	
Conductor thickness	导体厚度 Ct	0.035±0.005	
Conductor width	导体宽度 Cw	0.65±0.03	
Supporting Tapc Color	补强板颜色	蓝色(Blue)	
PET(Supporting Tapc Color)	补强板规格	0.225mm	
PET (Insulation)	绝缘胶规格 甲字	0.043mm	
PET (Insulation)	绝缘胶规格 白色	0.043mm	
Rev	版本	A	

Storage condition(储存条件): Recommended(推荐)

Temp: 15°C~25°C(温度15°C~25°C)Humidity: 30~60RH%(湿度30~60RH%)

Drawing Not To Scale
Hidden Lines Not Shown
图规不能以其线材比便米
衡量, 隐藏线不显示。

Unit(单位):mm

Discharge Date 发行日期	Review Date 修订日期	Drawing NO 图纸编号
2016-2-26		JWY20160226-09
Drawing by 制图	Checked by 核对	Approved by 确认
ZZJ		