



深圳市怡远科技有限公司

SHENZHEN YIYUAN TECHNOLOGY CO., LTD

产品名称Product: FFC排线 A面（同面）

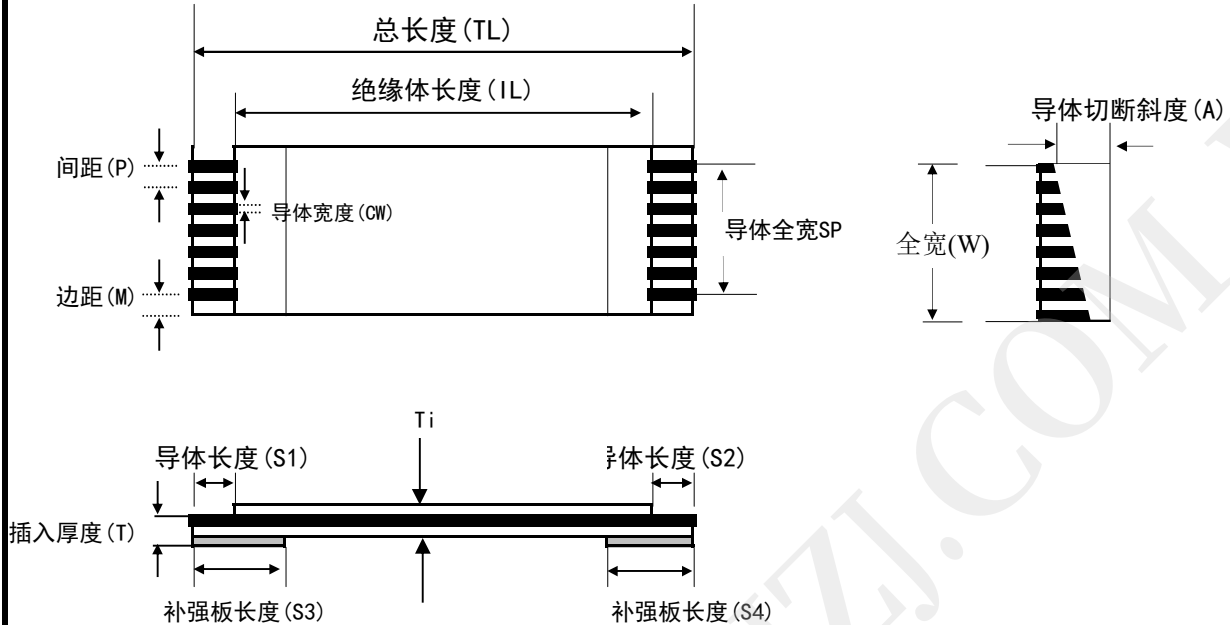
产品型号Part No: YTC05A-NP-L-3-4

广东省深圳市南山区粤海街道高新区社区高新南一道016号联想大厦东3F
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规格书

UL STYLE NO. 20624, Non Deca (43 μ m) Film , LFCu, Supporting Tape:0.225mm



P	T. L	W	SP	M	T	Ti	S1	S2	S3	S4	A	NO. OF CONDUCTOR
0.50	L	3.50	2.50	0.50	0.3	0.121	3.0	3.0	4.0	4.0	0.5	6
±0.1	±2.0	±0.1	±0.1	±0.1	± 0.05	±0.05	±0.5	±0.5	±1.0	±1.0	小于	
导体规格		扁平铜板					厚度 (CT)		0.035		±0.005	
		镀锡皮厚度：1.0 μ 以上					宽度 (CW)		0.3		±0.03	

Y T C 0 5 A - NP-TL-S1/S2-S3/S4

FFC连接器	间距	导体数	总长度	补强板长度
1	1.27	16	100	100
2	1.27	16	100	100
3	1.27	16	100	100
4	1.27	16	100	100
5	1.27	16	100	100
6	1.27	16	100	100
7	1.27	16	100	100
8	1.27	16	100	100
9	1.27	16	100	100
10	1.27	16	100	100
11	1.27	16	100	100
12	1.27	16	100	100
13	1.27	16	100	100
14	1.27	16	100	100
15	1.27	16	100	100
16	1.27	16	100	100
17	1.27	16	100	100
18	1.27	16	100	100
19	1.27	16	100	100
20	1.27	16	100	100
21	1.27	16	100	100
22	1.27	16	100	100
23	1.27	16	100	100
24	1.27	16	100	100
25	1.27	16	100	100
26	1.27	16	100	100
27	1.27	16	100	100
28	1.27	16	100	100
29	1.27	16	100	100
30	1.27	16	100	100
31	1.27	16	100	100
32	1.27	16	100	100
33	1.27	16	100	100
34	1.27	16	100	100
35	1.27	16	100	100
36	1.27	16	100	100
37	1.27	16	100	100
38	1.27	16	100	100
39	1.27	16	100	100
40	1.27	16	100	100
41	1.27	16	100	100
42	1.27	16	100	100
43	1.27	16	100	100
44	1.27	16	100	100
45	1.27	16	100	100
46	1.27	16	100	100
47	1.27	16	100	100
48	1.27	16	100	100
49	1.27	16	100	100
50	1.27	16	100	100
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60	1.27	16	100	100
61	1.27	16	100	100
62	1.27	16	100	100
63	1.27	16	100	100
64	1.27	16	100	100
65	1.27	16	100	100
66	1.27	16	100	100
67	1.27	16	100	100
68	1.27	16	100	100
69	1.27	16	100	100
70	1.27	16	100	100
71	1.27	16	100	100
72	1.27	16	100	100
73	1.27	16	100	100
74	1.27	16	100	100
75	1.27	16	100	100
76	1.27	16	100	100
77	1.27	16	100	100
78	1.27	16	100	100
79	1.27	16	100	100
80				

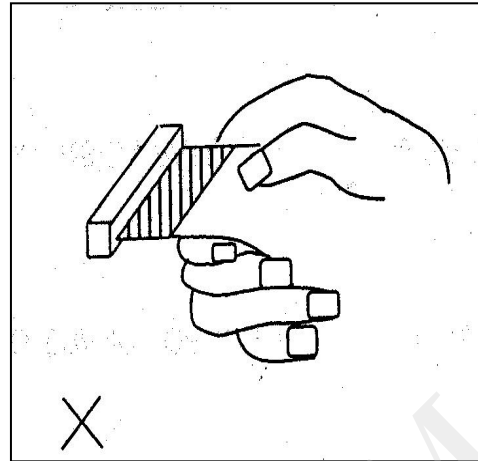
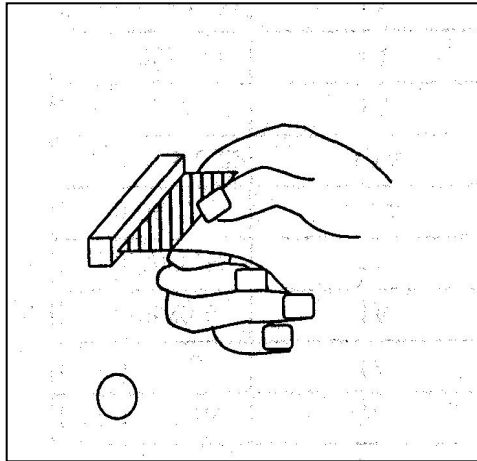
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MATERIAL SPECIFICATION

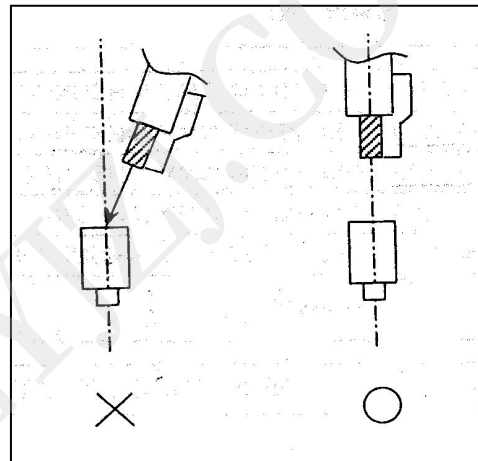
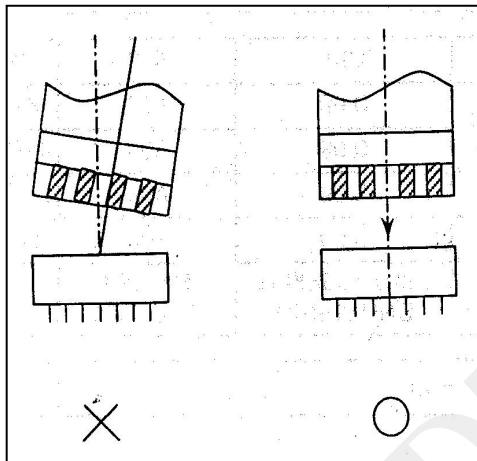
PRODUCT		FLEXIBLE FLAT CABLE				
UL STYLE NO.	VOLTAGE RATING	OPERATING TEMPERATURE	UL FILE NO.	MARKING		
☐ AWM 2896	30V	80℃		AWM 2896 80℃ VW-1		
☒ AWM 20624	60V	80℃		AWM 20624 80℃ VW-1		
☐ AWM 20706	60V	105℃		AWM 20706 105℃ VW-1		
CONDUCTOR	SIZE (Ct×Cw)	RATED CURRENT	RESISTANCE	REMARKS		
	☐ 0.1X1.27	2A	0.17Ω/M	* TIN PLATED COPPER WIRE		
	☐ 0.1X0.8	2A	0.27Ω/M	:99.99% PURE COPPER		
	☐ 0.1X0.7	2A	0.33Ω/M	* TOLERANCE OF THICKNESS		
	☐ 0.1X0.65	2A	0.35Ω/M	:±0.005		
	☐ 0.1X0.5	1A	0.42Ω/M	* TOLERANCE OF WIDTH		
	☐ 0.1X0.3	1A	0.70Ω/M	:±0.03		
	☐ 0.05X0.8	1A	0.53Ω/M	* EXTENSION RATE		
	☐ 0.05X0.65	1A	0.63Ω/M	:OVER THAN 15%		
	☐ 0.05X0.6	1A	0.65Ω/M	* STRAIN STRENGTH		
	☐ 0.035X0.8	1A	0.83Ω/M	:OVER THAN 13Kgf/mm ²		
	☐ 0.035X0.7	1A	0.60Ω/M	* PLATING THICKNESS		
	☐ 0.035X0.6	1A	0.96Ω/M	:0.075 μ 以上		
	☐ 0.035X0.3	0.5A	1.80Ω/M			
	☒ 0.035X0.3	0.5	1.89Ω/M			
	☐ 0.022X0.3	0.5A	3.18Ω/M			
	☐ 0.1X0.5 (P)	0.5A	2.80Ω/M	* TIN PLATED PHOSPHORUS BRONZE WIRE		
	LEAD FREE ☒			G ☐ D		
INSULATION FILM	NO.	BASE FILM	ADHESIVE	TOTAL THICKNESS	REMARK	COLOR
	☐ 1	PET 25μm	35μm	60μm	REGULAR	☐ WHITE ☐ BLACK
	☒ 2	PET 19μm	24μm	43μm	SUPER FLEX	☒ WHITE
	☐ 3	PET 12μm	25μm	37μm	ULTRA FLEX	☐ WHITE
DECA FREE ☐						
SUPPORTING TAPE	NO.	BASE FILM	ADHESIVE	TOTAL THICKNESS	COLOR	
	☐ 1	PET 125μm	35μm	160μm	☐ WHITE ☐	BLUE
	☒ 2	PET 190μm	35μm	225μm	☐ WHITE ☒	BLUE
	☐ 3	PET 215μm	35μm	250μm	☐ WHITE ☐	BLUE
☐ 4	PET 250μm	35μm	285μm	☐ WHITE ☐	BLUE	
EMI SHIELD	ALUMINIUM FOIL [μm] COPPER FOIL [μm] FABRIC TAPE [μm] LAMINATION [μm]					
DOUBLE SIDE TAPE						
DIELECTRIC VOLTAGE WITHSTAND TEST			AC 500V/10mA 1分钟			
INSULATION RESISTANCE TEST			DC 500V/100Ω/M			
AGING			85℃/96 HR			
FLEXIBILITY	GENERAL	10,000 Min (R5×240/Min×40mm/Reciprocating)				
	FLEX	100,000 Min (R5×240/Min×40mm/Reciprocating)				
	SUPER	3,000,000 Min (R5×240/Min×40mm/Reciprocating)				
	ULTRA	6,000,000 Min (R5×240/Min×40mm/Reciprocating)				
FLAMMABILITY		PASS UL VW-1				

Matters that demand special attention :

- * When insert to connector, please insert straight correctly with Joiner's supporting-tape.



- * When insert to connector, please avoid excessive force.



- * After insert to connector, shall be not bend at supporting-tape excessive because Joiner is broken

