

J

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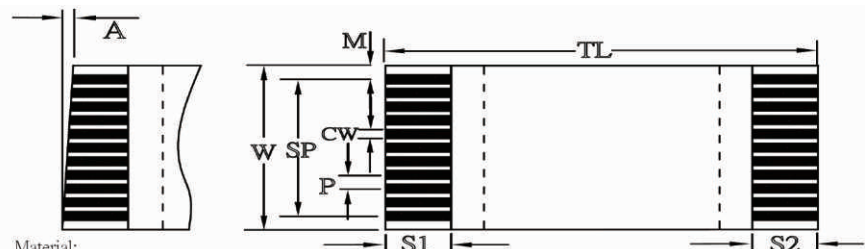
E

D

C

B

A



Material:
Insulation Film: Polyester White
Supporting Tape: Polyester Blue
Conductor: Tin Plated Flat Copper Wire
UNIT : mm
N= No Of Conductor

SYMBOL	N	P	W	SP	M	A	TL	T	S1	S2	S3	S4
RANGE	16	1.0	17.0	15.0	1.0	0.0	50.0	0.3	4.0	4.0	6.0	6.0
TOLERANCE		±0.10	±0.15	±0.1	±0.1	<0.5	±2.0	±0.05	±1.0	±1.0	±1.5	±1.5
Insulation / 膠膜			UL20798 White t=0.043 / White t=0.043			Conductor / Plating 導體 / 鍍層		CT 0.035±0.005		TIN PLATED COPPER WIRE (TIN 1~3um)		
Suppoort Tape / 補強板			Blue t=0.225					CW 0.65±0.03				

FFC CABLE Charateristics特性表UL STYLE: 20798

	Test Item 測試項目	Testing Method 測試方法	Specification 規格
1	Conductor resistance導體阻抗	JIS-C-3102(at20℃)	0.93 Ω/M MAX.
2	Insulation resistance絕緣阻抗	Apply the voltage of DC 500V for min	More than 1000MΩ 大於1000MΩ
3	Dielectric Srtength耐壓強度	AC 500V, 0.5Ma, 1分鐘,相鄰兩導體在空氣中	PASS
4	Continuity Test導通測試	Apply Test DC 3V	No open/Short Citcuit
5	Rated Current 額定電流		1.0A
6	Rated Voltage&Temperature 額定電壓及溫度	UL Sub, 758	60V 80℃
7	Operating Temperature操作溫度	Fixed Wiring Condition	-40℃~85℃
8	Flammability Test耐燃性測試	UL Sub, 758 V W-1	PASS
9	Heat Resistance抗熱測試	85℃ / 96Hrs	No Trouble with insulation Resistance and withstand voltage絕緣電阻與耐電壓符合要求
10	Humidity Resistance抗溼測試	40℃ , 95%RH, 96Hrs	
11	Temperature Cycling Test 溫度循環測試	-40℃ for 4hrs--85℃ for 4hrs--25℃ for 1hrs (5 cyc)	
12	Sliding Test柔性測試	R=Cable thickness	耐曲折測試≥ 30cycle
13		15mmR,70cycle/min , 25mm往復運動	耐曲折測試≥ 100,000cycle
14	Abrasion Test耐磨測試	Ø5mm,600g,60cycle/min	Min 10,000cycles 10,000回以上

FPA-CA16-050-LF
LEADFREE
RoHS Compliant



煜倫股份有限公司

PART NO. FPA-CA16-050									
DWG NO. FPA-CA16-050		CHECKED BY	CY	TOLERANCES ARE X, ± .X ± .XX ± .XXX ± ANG	DESCRIPTION:				
FILE NO.		DRAWING BY							
UNIT / mm	SCALE 1:1	PROJECTION			AREA	REVISIONS		DATE	