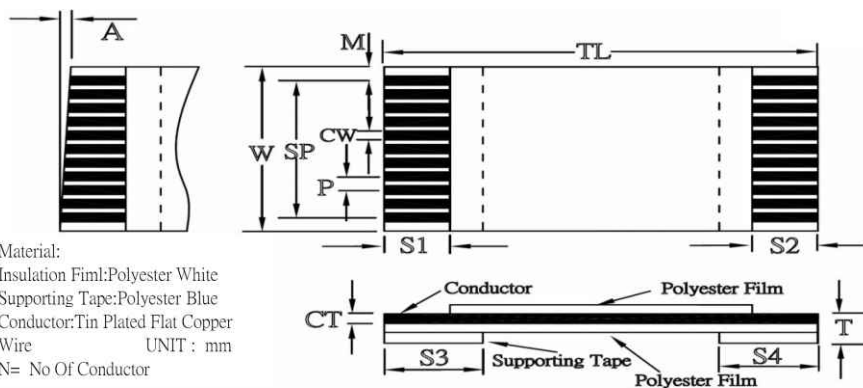




SYMBOL	N	P	W	SP	M	A	TL	T	S1	S2	S3	S4
RANGE	24	0.5	12.5	11.5	0.5	0.0	120.0	0.3	4.0	4.0	6.0	6.0
TOLERANCE		±0.05	±0.1	±0.1	±0.1	<0.5	±2.0	±0.05	±1.0	±1.0	±2.0	±2.0
CONDUCTOR			TIN PLATED COPPER WIRE (TIN 1~3um)			THICKNESS(Ct)			0.035		±0.005	
SPECIFICATION						WIDTH(Cw)			0.3		±0.03	

FPV-CA24-120-LF
LEADFREE
RoHS Compliant

FFC CABLE Characteristics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℃)	2.2 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 Srrength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		0.5A
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℃~80℃
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 , 20mm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