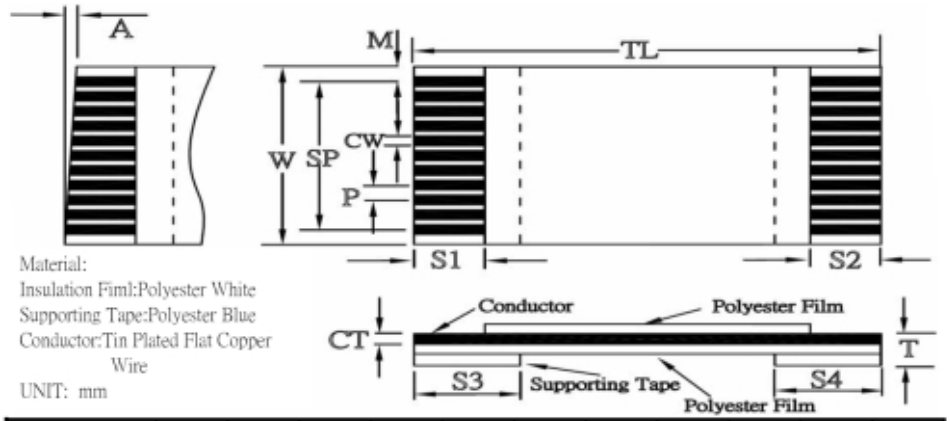

Material:
Insulation Fiml:Polyester White
Supporting Tape:Polyester Blue
Conductor:Tin Plated Flat Copper Wire
UNIT: mm

SYMBOL	P	W	SP	M	A	TL	T	S1	S2	S3	S4
RANGE	0.5	6.5	5.5	0.5	0.0	80.0	0.3	3.0	3.0	5.0	5.0
TOLERANCE	±0.05	±0.10	±0.10	±0.10	<0.5	±2.0	±0.05	±1.0	±1.0	±2.0	±2.0

CONDUCTOR	TIN PLATED COPPER WIRE (TIN 1~3um)	THICKNESS(Ct)	0.05	±0.01
SPECIFICATION		WIDTH(Cw)	0.32	±0.03

FFC CABLE Charateristics特性表 UL STYLE: 20624

	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℃)	2.20Ω/KM MAX.
2	Insulation resistance絕緣阻抗	Apply the voltage of DC 500V for min	More than 1000MΩ 小於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 Voltageg&Temperature 額定電壓及溫度	UL Sub, 758	60V 80℃
6	Operating Temperature操作溫度	Fixed Wiring Condition	-20℃~80℃
7	Flammability Test耐燃性測試	UL Sub, 758 V W-1	PASS
8	Heat Resistance抗熱測試	85℃ / 95Hrs	No Trouble with insulation Resistance and withstand voltage絕緣電阻與耐電壓符合要求
9	Humidity Resistance抗溼測試	40℃ , 95%RH, 96Hrs	
10	Temperature Cycling Test 溫度循環測試	-40℃--25℃--85℃--25℃ ORH 65RH	
11	Flexing Test柔性測試	600g重物垂吊夾具,0.5R,180度 60cycle/min 往復運動	耐曲折測試≧100cycle
12		10R,180mm,70cycle/min 往復運動	耐曲折測試≧100,000cycle
13	Abrasion Test耐磨測試	Ø0.5mm,600g,60cycle/min	Min 100,000cycles 100,000回以上

FPV-CA12-080-LF
LEADFREE

RoHS Compliant

MORETHANALL CONNECTORS ASSEMBLIES

煜倫股份有限公司

PART NO. FPV-CA12-080			
DWG NO. FPV-CA12-080	CHECKED BY CY	TOLERANCES ARE .X ± 0.2 .XX ± 0.1 .XXX ± AWG	DESCRIP TION:
FILE NO.	DRAWING BY		
UNIT / mm	SCALE 1 : 1	PROJECTION	AREA / REVISIONS / HK / DATE