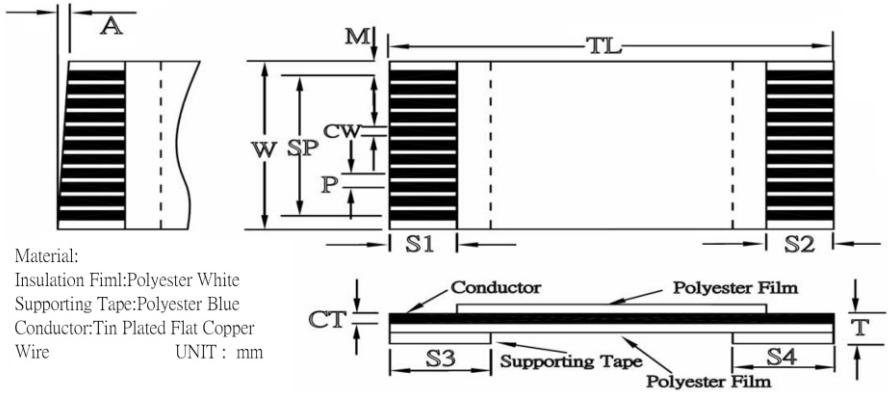

Material:
Insulation Fiml:Polyester White
Supporting Tape:Polyester Blue
Conductor:Tin Plated Flat Copper Wire
UNIT : mm

SYMBOL	P	W	SP	M	A	TL	T	S1	S2	S3	S4
RANGE	0.5	15.5	14.5	0.5	0.0	250.0	0.3	4.0	4.0	6.0	6.0
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		±0.005	
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℃)	2.2Ω/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		1A
6	Rated Voltageg&Temperature 額定電壓及溫度	UL Sub, 758	60V 80℃
7	Operating Temperature操作溫度	Fixed Wiring Condition	-30℃~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 , 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

FPV-CA30-250-LF
LEADFREE
RoHS Compliant

MORETHANALL CONNECTORS ASSEMBLIES
煜倫股份有限公司

PART NO. FPV-CA30-250			
DWG NO. FPV-CA30-250	CHECKED BY CY	TOLERANCES ARE .X ± 0.2 .XX ± .XXX ± AWG	DESCRIP TION:
FILE NO.	DRAWING BY		
UNIT / mm	SCALE 1 : 1	PROJECTION	AREA / REVISIONS / HK / DATE