

J

I

H

G

F

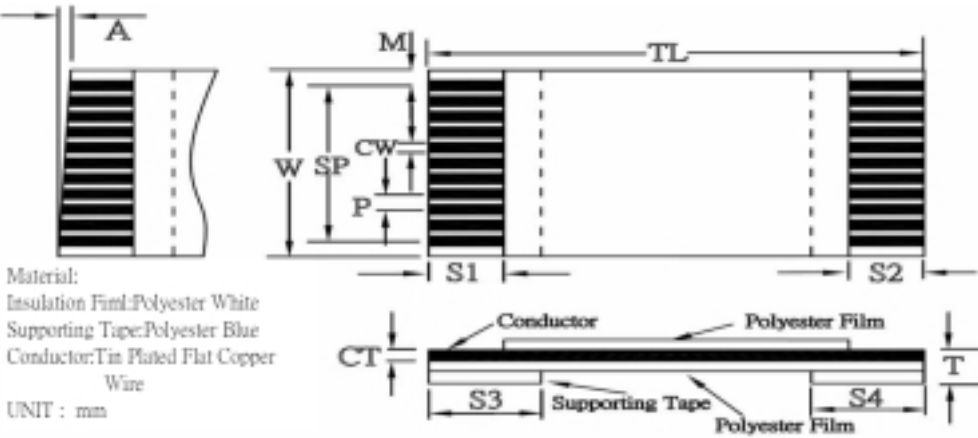
E

D

C

B

A



SYMBOL	P	W	SP	M	A	TL	T	S1	S2	S3	S4
RANGE	0.5	6.5	5.5	0.5	0.0	60.0	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)			0.035		±0.01	
SPECIFICATION					WIDTH(Cw)			0.32		±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℃)	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 Voltage&Temperature 額定電壓及溫度	UL Sub, 758	60V 80℃	
6 Operating Temperature操作溫度	Fixed Wiring Condition	-30℃~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℃(4hr)--85℃(4hr)--25℃(1hr) 5 cycle		
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	
	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-CA12-060-~~LF~~
LEADFREE

RoHS Compliant

MORETHANALL CONNECTORS ASSEMBLIES		PART NO. FPV-CA12-060										
		DWG NO. FPV-CA12-060		CHECKED BY CY		TOLERANCES ARE .X ± 0.2 .XX ± .XXX ± AWG		DESCRIP TION:				
FILE NO.		DRAWING BY										
煜倫股份有限公司		UNIT / mm	SCALE 1:1	PROJECTION 				AREA	REVISIONS	HK	DATE	