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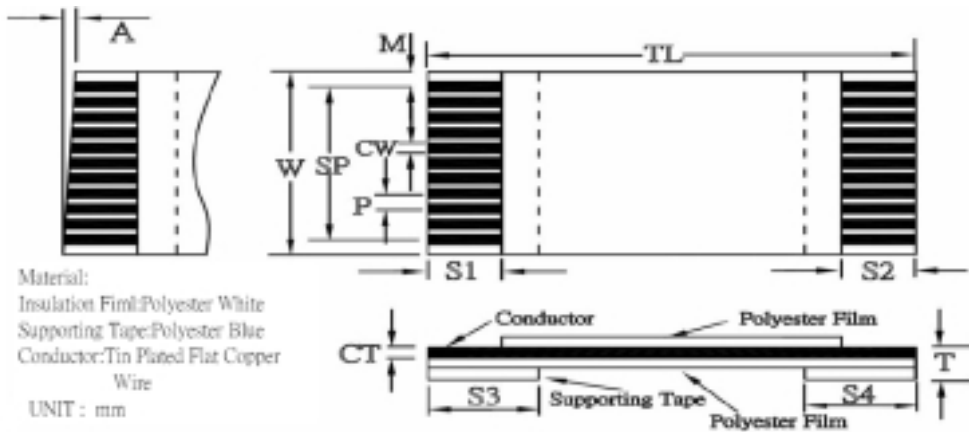
E

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A



Material:
Insulation Film: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	300.0	0.3	4.0	4.0	6.0	6.0
TOLERANCE	±0.05	±0.10	±0.10	±0.10	<0.5	±3.0	±0.05	±1.0	±1.0	±2.0	±2.0
CONDUCTOR	TIN PLATED COPPER WIRE				THICKNESS(Ct)				0.05		
SPECIFICATION	(TIN 1~3um)				WIDTH(Cw)				0.32		

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 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 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抗濕測試	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重物垂直吊夾具,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-CA12-300-LF
LEADFREE
RoHS Compliant

MORETHANALL CONNECTORS ASSEMBLIES 煜倫股份有限公司		PART NO. FPV-CA12-300		CHECKED BY CY		TOLERANCES ARE .X ± 0.2 .XX ± .XXX ± AWG		DESCRIP TION:			
		DWG NO. FPV-CA12-300									
		FILE NO.		DRAWING BY							
		UNIT / mm	SCALE 1:1	PROJECTION 							