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F	A M TL W SP CW P S1 S2 S3 S4 CT T Conductor Polyester Film Supporting Tape Polyester Film Material: Insulation Film:Polyester White Supporting Tape:Polyester Blue Conductor: Tin Plated Flat Copper Wire UNIT : mm																																																																					
E	<table><tr><td>SYMBOL</td><td>P</td><td>W</td><td>SP</td><td>M</td><td>A</td><td>TL</td><td>T</td><td>S1</td><td>S2</td><td>S3</td><td>S4</td></tr><tr><td>RANGE</td><td>0.5</td><td>9.5</td><td>8.5</td><td>0.5</td><td>0.0</td><td>300.0</td><td>0.3</td><td>4.0</td><td>4.0</td><td>6.0</td><td>6.0</td></tr><tr><td>TOLERANCE</td><td>±0.05</td><td>±0.10</td><td>±0.10</td><td>±0.10</td><td><0.5</td><td>±3.0</td><td>±0.05</td><td>±1.0</td><td>±1.0</td><td>±2.0</td><td>±2.0</td></tr><tr><td>CONDUCTOR SPECIFICATION</td><td colspan="2">TIN PLATED COPPER WIRE (TIN 1~3um)</td><td colspan="2">THICKNESS(Ct)</td><td colspan="2">0.035</td><td colspan="2">±0.005</td><td colspan="3"></td></tr><tr><td></td><td colspan="2"></td><td colspan="2">WIDTH(Cw)</td><td colspan="2">0.3</td><td colspan="2">±0.03</td><td colspan="3"></td></tr></table>										SYMBOL	P	W	SP	M	A	TL	T	S1	S2	S3	S4	RANGE	0.5	9.5	8.5	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 SPECIFICATION	TIN PLATED COPPER WIRE (TIN 1~3um)		THICKNESS(Ct)		0.035		±0.005								WIDTH(Cw)		0.3		±0.03				
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B	FPV-CB18-300-LF LEADFREE RoHS Compliant MORETHANALL CONNECTORS ASSEMBLIES 煜倫股份有限公司 PART NO. FPV-CB18-300 DWG NO. FPV-CB18-300 FILE NO. UNIT / mm SCALE 1 : 1 CHECKED BY CY DRAWING BY PROJECTION AWG DESCRIP TION: AREA REVISIONS HK DATE																																																																					
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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 1 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	R=Cable thickness	耐曲折測試≥30cycle
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 10,000cycles 10,000回以上