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F	Material: Insulation Film:Polyester White Supporting Tape:Polyester Blue Conductor: Tin Plated Flat Copper Wire UNIT : mm N= No Of Conductor																																																																						
E	<table><tr><th>SYMBOL</th><th>N</th><th>P</th><th>W</th><th>SP</th><th>M</th><th>A</th><th>TL</th><th>T</th><th>S1</th><th>S2</th><th>S3</th><th>S4</th></tr><tr><td>RANGE</td><td>12</td><td>0.5</td><td>6.5</td><td>5.5</td><td>0.5</td><td>0.0</td><td>220.0</td><td>0.3</td><td>3.0</td><td>3.0</td><td>5.0</td><td>5.0</td></tr><tr><td>TOLERANCE</td><td></td><td>±0.05</td><td>±0.1</td><td>±0.1</td><td>±0.1</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 colspan="3">CONDUCTOR</td><td colspan="3" rowspan="2">TIN PLATED COPPER WIRE (TIN 1~3um)</td><td colspan="2">THICKNESS(Ct)</td><td colspan="2">0.035</td><td colspan="3">±0.005</td></tr><tr><td colspan="3">SPECIFICATION</td><td colspan="2">WIDTH(Cw)</td><td colspan="2">0.3</td><td colspan="2">±0.03</td></tr></table>										SYMBOL	N	P	W	SP	M	A	TL	T	S1	S2	S3	S4	RANGE	12	0.5	6.5	5.5	0.5	0.0	220.0	0.3	3.0	3.0	5.0	5.0	TOLERANCE		±0.05	±0.1	±0.1	±0.1	<0.5	±3.0	±0.05	±1.0	±1.0	±2.0	±2.0	CONDUCTOR			TIN PLATED COPPER WIRE (TIN 1~3um)			THICKNESS(Ct)		0.035		±0.005			SPECIFICATION			WIDTH(Cw)		0.3		±0.03	
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A	煜倫股份有限公司 UNIT / mm SCALE 1:1 PROJECTION AREA REVISIONS HK DATE																																																																						

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℃)	2.2 Ω/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		0.5A
6	Rated Voltage&Temperature 額定電壓及溫度	UL Sub, 758	60V 80℃
7	Operating Temperature操作溫度	Fixed Wiring Condition	-40℃~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 , 20mm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