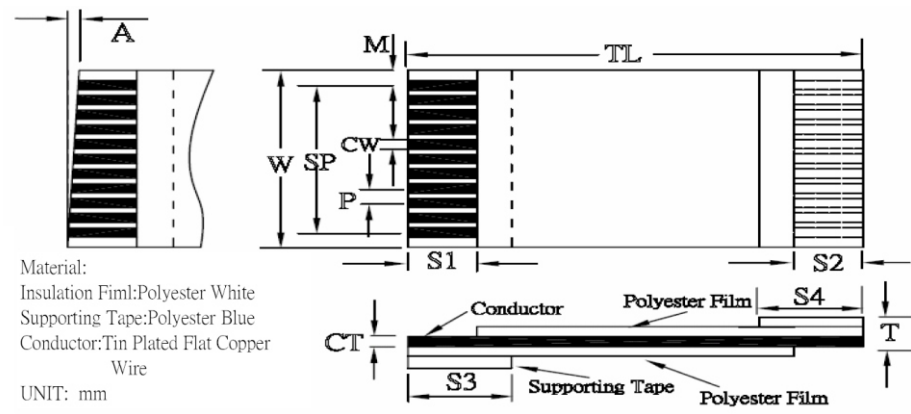


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FFC CABLE Characteristics特性表 UL STYLE: 20624

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°C)	0.63Ω/M MAX.
2 Insulation resistance絕緣阻抗	Apply the voltage of DC 500V for min	More than 1000MΩ 小於1000MΩ
3 Dielectric Srrength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°C
6 Operating Temperature操作溫度	Fixed Wiring Condition	-20°C~80°C
7 Flammability Test耐燃性測試	UL Sub, 758 V W-1	PASS
8 Heat Resistance抗熱測試	85°C / 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°C , 95%RH, 96Hrs	
10 Temperature Cycling Test 溫度循環測試	-40°C --25°C --85°C --25°C ORH 65RH	
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



SYMBOL	P	W	SP	M	A	TL	T	S1	S2	S3	S4
RANGE	1.0	21.0	19.0	1.0	0.0	100.0	0.3	4.0	4.0	6.0	6.0
TOLERANCE	±0.10	±0.15	±0.15	±0.15	<0.5	±2.0	±0.05	±1.0	±1.0	±2.0	±2.0
CONDUCTOR SPECIFICATION	TIN PLATED COPPER WIRE (TIN 1um以上)		THICKNESS(Ct)		0.05		±0.01		±0.03		
			WIDTH(Cw)		0.65						

FPA-CB20-100-LF  
LEADFREE  
RoHS Compliant

**MORETHANALL**  
CONNECTORS ASSEMBLIES

煜倫股份有限公司

PART NO. FPA-CB20-100		CHECKED BY CY		TOLERANCES ARE .X ± 0.2 .XX ± 0.1 .XXX ± .015 AWG	DESCRIP TION:		
DWG NO. FPA-CB20-100		DRAWING BY					
FILE NO.	UNIT / mm	SCALE 1:1	PROJECTION	AREA	REVISIONS	HK	DATE