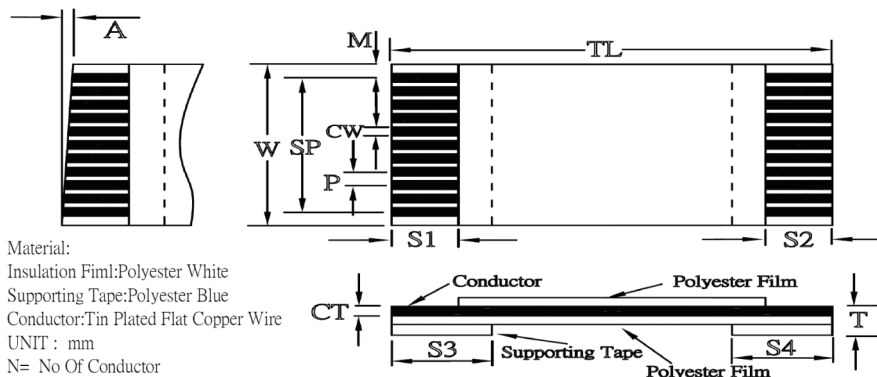




SYMBOL	N	P	W	SP	M	A	TL	T	S1	S2	S3	S4
RANGE	31	1.0	32.0	30.0	1.0	0	310	0.30	5.0	5.0	10.0	10.0
TOLERANCE		±0.1	±0.15	±0.1	±0.1	<0.5	±3.0	±0.05	±1.0	±1.0	±1.5	±1.5
Insulation / 膠膜			UL20798 White t=0.06 / White t=0.06			Conductor / Plating 導體 / 鍍層		CT 0.1±0.005	TIN PLATED COPPER WIRE (TIN 1~3um)			
Support Tape / 補強板			Blue t=0.16					CW 0.65±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°C)	0.29 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		2A
6 Rated Voltage&Temperature 額定電壓及溫度	UL Sub, 758	60V 80°C
7 Operating Temperature操作溫度	Fixed Wiring Condition	-40°C~85°C
8 Flammability Test耐燃性測試	UL Sub, 758 V W-1	PASS
9 Heat Resistance抗熱測試	85°C / 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°C , 95%RH, 96Hrs	
11 Temperature Cycling Test 溫度循環測試	-40°C for 4hrs--85°C for 4hrs--25°C for 1hrs (5 cyc)	
12 Sliding Test柔性測試	R=Cable thickness	耐曲折測試≥ 30cycle
13	15mmR, 70cycle/min , 25mm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

RoHS Compliant

TOLERANCES ARE

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 PCB CONNECTORS
 Cable ASSEMBLIES

煜倫股份有限公司

www.morethanall.com

DRAWING BY CY

CHECKED BY GENIUS

UNIT / mm

SCALE 1 : 1

DATE

SIZE A4

PPOJECTION

X, ±
 .X ±
 .XX ±
 .XXX ±
 ANG ±

照片框

ORDER INFORMATION

FPA-CA31-310-LF
 SERIES 310mm LEADFREE
 31WAY
 SAME SIDE
 CABLE

DESCRIPTION: