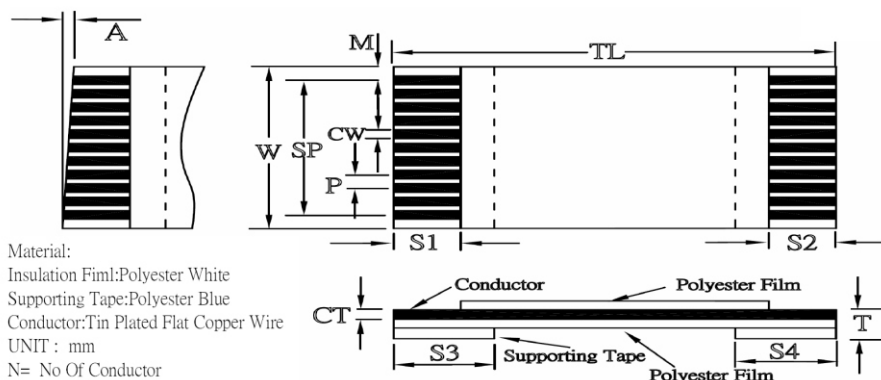




SYMBOL	N	P	W	SP	M	A	TL	T	S1	S2	S3	S4
RANGE	12	0.5	6.5	5.5	0.5	0	51	0.30	4.0	4.0	8.0	8.0
TOLERANCE		±0.05	±0.08	±0.08	±0.08	<0.5	±2.0	±0.05	±1.0	±1.0	±1.5	±1.5
Insulation / 膠膜			UL20706 White t=0.06 / White t=0.06			Conductor / Plating 導體 / 鍍層		CT 0.05±0.005	TIN PLATED COPPER WIRE (TIN 1~3um)			
Support Tape / 補強板			Blue t=0.200		CW 0.3±0.03							

FFC CABLE Characteristics特性表

UL STYLE: 20706

	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℃)	1.42 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 Strength 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 Circuit
5	Rated Current 額定電流		0.5A
6	Rated Voltage & Temperature 額定電壓及溫度	UL Sub, 758	60V 105℃
7	Operating Temperature 操作溫度	Fixed Wiring Condition	-40℃ ~105℃
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)	耐曲折測試 ≥ 30cycle
12	Sliding Test 柔性測試	R=Cable thickness	
13		15mmR, 70cycle/min , 25mm往復運動	耐曲折測試 ≥ 1,000,000cycle
14	Abrasion Test 耐磨測試	Ø5mm, 600g, 60cycle/min	Min 10,000cycles 10,000回以上

RoHS Compliant

TOLERANCES ARE

MORETHANALL
 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

PROJECTION

X, ±
 X, ±
 .XX ±
 .XXX ±
 ANG ±

照片框

ORDER INFORMATION

FPV-CA12-051-LF
 SERIES LEADFREE
 51mm
 12 WAY
 SAME SIDES
 CABLE

DESCRIPTION: