



SYMBOL	P	W	SP	M	A	TL	T	S1	S2	S3	S4
RANGE	0.5	5.5	4.5	0.5	0.0	20.0	0.3	4.0	4.0	6.0	6.0
TOLERANCE	±0.05	±0.10	±0.10	±0.10	<0.5	±2.0	±0.05	±1.0	±1.0	±2.0	±2.0
CONDUCTOR	TIN PLATED COPPER WIRE		THICKNESS(Ct)		0.05		±0.01				
SPECIFICATION	TIN 1~3um		WIDTH(Cw)		0.32		±0.03				

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)	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 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		1A
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	-30°C ~80°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

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

P PROJECTION

X, ±
 .X ±
 .XX ±
 .XXX ±
 ANG ±

照片框

ORDER INFORMATION

FPV-CA10-020-LF
 SERIES | | LEADFREE
 | | 20mm
 | | 10 WAY
 | | SAME SIDE
 CABLE

DESCRIPTION: