



Material:
Insulation Film: Polyester White
Supporting Tape: Polyester Blue
Conductor: Tin Plated Flat Copper Wire
UNIT: mm

SYMBOL	P	W	SP	M	A	TL	T	S1	S2	S3	S4
RANGE	0.5	20.5	19.5	0.5	0.0	40.0	0.3	4.0	4.0	6.0	6.0
TOLERANCE	±0.05	±0.10	±0.08	±0.05	<0.5	±1.0	±0.05	±1.0	±1.0	±2.0	2
CONDUCTOR	TIN PLATED COPPER WIRE (TIN 1um以上)				THICKNESS(Ct)			0.05		±0.01	
SPECIFICATION					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)	2.20Ω/KM MAX.
2 Insulation resistance絕緣阻抗	Apply the voltage of DC 500V for min	More than 1000MΩ 小於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 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	-30°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
12	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

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-CA40-040-LF

SERIES

LEADFREE

40mm

40 WAY

SAME SIDE

CABLE

DESCRIPTION: