

	1	2	3	4	5	6	7	8	9	0
J										
I										
H										
G										
F										
E										
D										
C										
B										
A										

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	1.0	11.0	9.0	1.0	0.0	300.0	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	±1.0	±1.0
CONDUCTOR	TIN PLATED COPPER WIRE (TIN 1um以上)		THICKNESS(Ct)		0.05		±0.01				
SPECIFICATION			EIDTH(Cw)		0.65		±0.03				

FPA-CB10-300-LF

LEADFREE

RoHS Compliant

煜倫股份有限公司

PART NO. FPA-CB10-300

DWG NO. FPA-CB10-300

FILE NO.

UNIT / mm

CHECKED BY CY

DRAWING BY

PROJECTION

TOLERANCES ARE

.X ± 0.2

.XX ± 0.1

.XXX ±

AWG

DESCRIP TION:

AREA

REVISIONS

HK

DATE

FFC CABLE Charateristics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℃)	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 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 Voltage&Temperature 額定電壓及溫度	UL Sub, 758	60V 80℃
6	Operating Temperature操作溫度	Fixed Wiring Condition	-20℃~80℃
7	Flammability Test耐燃性測試	UL Sub, 758 V W-1	PASS
8	Heat Resistance抗熱測試	85℃ / 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℃ , 95%RH, 96Hrs	
10	Temperature Cycling Test 溫度循環測試	-40℃ --25℃ --85℃ --25℃ 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