

Material:
Insulation Film: Polyester White
Supporting Tape: Polyester Blue
Conductor: Tin Plated Flat Copper Wire
UNIT : mm
N= No Of Conductor

SYMBOL	N	P	W	SP	M	A	TL	T	S1	S2	S3	S4
RANGE	20	0.5	10.5	9.5	0.5	0.0	101.0	0.3	4.0	4.0	6.0	6.0
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			UL20798 White t=0.043 / White t=0.043			Conductor / Plating 導體 / 鍍層		CT 0.035±0.005	TIN PLATED COPPER WIRE (TIN 1~3um)			
Suppoort Tape / 補強板			Blue t=0.225					CW 0.3±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℃)	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 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		0.4A
6 Rated Voltage&Temperature 額定電壓及溫度	UL Sub, 758	60V 80℃
7 Operating Temperature操作溫度	Fixed Wiring Condition	-40℃~85℃
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)	
12 Sliding Test柔性測試	R=Cable thickness 15mmR,70cycle/min , 20mm往復運動	耐曲折測試≥ 30cycle 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

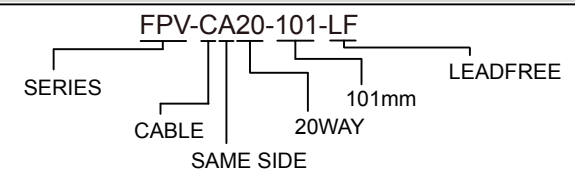
SIZE A4

X, ±
.X ±
.XX ±
.XXX ±
ANG ±

P PROJECTION

照片框

ORDER INFORMATION



DESCRIPTION: