

FPC-CF30-300-LF
LEADFREE
RoHS Compliant

Dimension / 尺寸					Material / 材料				
Item / 項目		Symbol / 代號	Range / 尺寸	Tolerance / 公差	Item / 項目		Specification / 規格		Remark / 備註
1	No of Conductors / 導體數目	N	30	/	1	Insulation / 膠膜	UL20798 White	0.06	PET
2	Pitch / 導體間距	P	2.54	±0.15	2		/	/	/
3	Total Length / 總長度	TL	300	±3	3	/	/	/	/
4	Margin Width / 邊寬	M	2.54	±0.15	4	Conductor / Plating 導體 / 鍍層	Thickness (Ct)	0.1	±0.005
5	Terminal Thicknes / 線端總厚度	T	/	/			Width (Cw)	0.8	±0.03
6	Contact Length / 接觸面長度	S1	/	/			Plated	1~3um	Sn
		S2	/	/			/	/	/
7	Supporting Length / 補強板長度	S3	/	/	/	/	/	/	/
		S4	/	/	/	/	/	/	
8	Total Width / 總寬度	W	78.74	±0.2	/	/	/	/	/
9	Toal Pitch / 內部總間距	SP	73.66	±0.15	/	/	/	/	/
10	Slope / 切口斜度	A	0.0	<0.05	/	/	/	/	/

Characteristics / 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℃)	0.24 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,在空氣中相鄰兩導體	PASS
4	Continuity Test / 導通測試	Apply Test DC 3V	No open/Short Citcuit
5	Rated Current / 額定電流	/	3.0A
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℃ / 96 hrs	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, 96 hrs	
11	Temperature Cycling Test / 溫度循環測試	-40℃ for 4hrs--85℃ for 4hrs--25℃ for 1hrs (5 cycle)	
12	Sliding Test / 柔性測試	R=Cable thickness	耐曲折測試≥ 30cycle
13		15mmR,70 cycle / 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

MORETHANALL CONNECTORS ASSEMBLIES		PART NO. FPC-CF30-300		TOLERANCES ARE X. ± .X ± .XX ± .XXX ± ANG		DESCRIPTION:					
		DWG NO. FPC-CF30-300									CHECKED BY CY
煜倫股份有限公司		FILE NO.		DRAWING BY		AREA		REVISIONS		DATE	
		UNIT / mm	SCALE 1:1	PROJECTION 							