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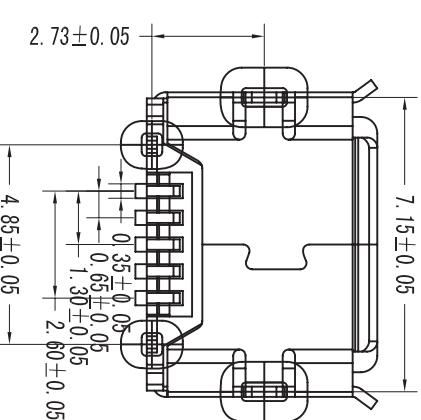
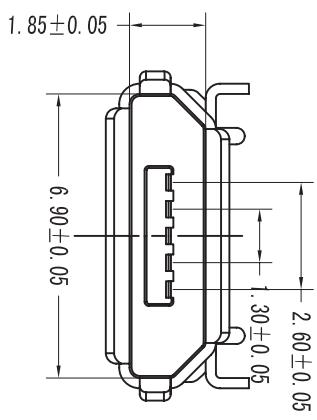
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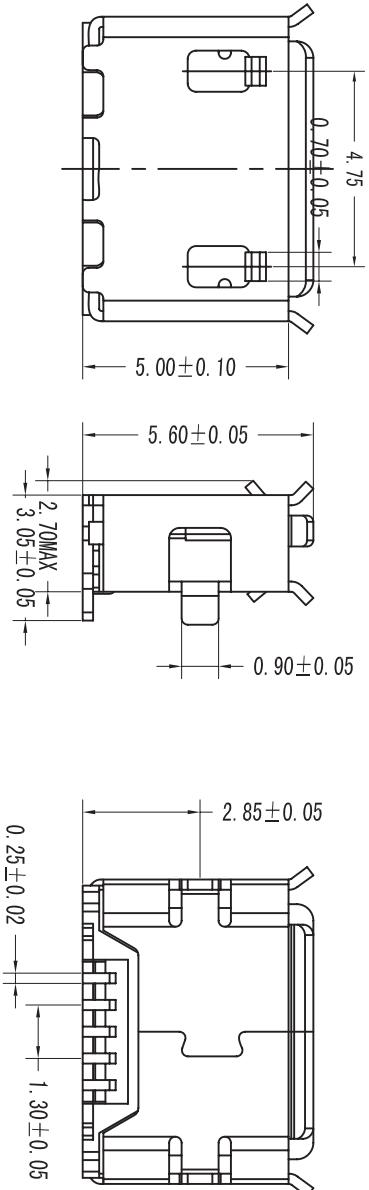
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修改序号		修改说明		
A/0				

A



RECOMMENDED PCB LAYOUT



TOLERANCE UNLESS
OTHERWISE SPECIFIED

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XXX	±0.10	DRAM NO	KCD	DATE	DRAW	NAME
XX	±0.20	DWN	林云	12.02.05	MIRCO USB	
X	±0.30	CHK			P/N:	ST-USB-001DK
X°	±2°	APVD				

FINISH	UNIT	SCALE	WEIGHT	REV	SHEET
Third Angle Project	MATERIAL	mm	1:1	A	1 OF 1

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包装規範

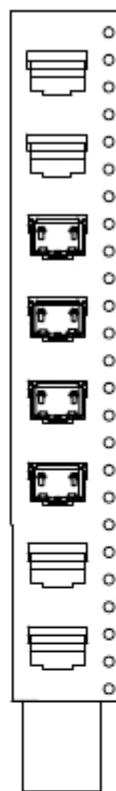
文件編號:SEN-RD106

版次: A0 | 頁數: 1/1

適用品名: MICRO USB

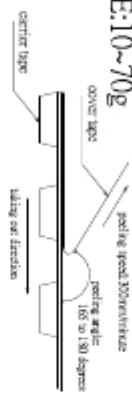
1.产品锡腳向下,置入料带凹槽;首尾各空20格
END

Start

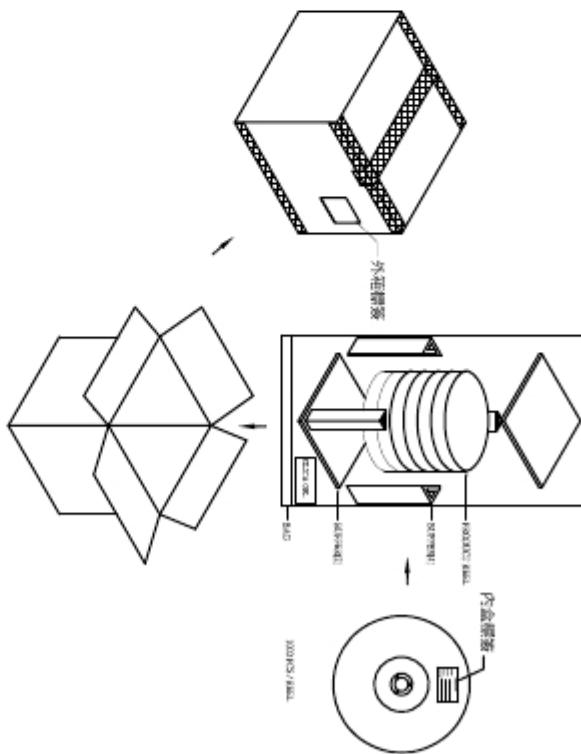
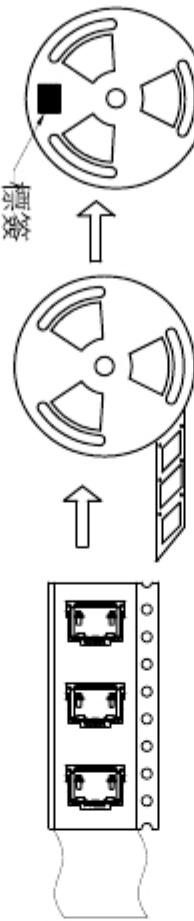


2.PEEL STRENGTH OF COVER TAPE:10~70g

peeling speed:300mm/minute
peeling angle:165to180degrees



3.自粘胶带覆盖住产品,并且紧紧贴住料带;
*每卷料带装1000PCS,料盘外贴上标签,注明品名.料号.数量;
*自粘胶带不可盖住孔;



包裝材料清單

品名	規 格	料 號	數 量	个/捲	卷外箱	個外箱	保力龍(方塊)	保力龍(三角塊)	外箱毛重(Kg)	外箱淨重(Kg)
自粘膠帶	寬13.3mm	72001130	13m	1500	15	22500			4	
載物帶	寬16mm	71001161	12.48m							
料盤	13英寸	73001130	28pcs							

適用產品料號: ST-USB-001DK

備註:

1. 包裝時產品要輕拿輕放,勿碰觸產品端子
2. 紙箱外要貼上標簽,注明產品的品名.
3. 載物帶前後各留20個空格.

核准 :

審查 :

製表 :

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PRODUCT SPECIFICATION

1. SCOPE [適用範圍]

This specification covers the MICRO USB 5 PIN

[本規範適用於MICRO USB 5 PIN 產品。]

2. CONSTRUCTION & COMPONENTS [構造&組成零件]

Based on construction drawing. [依照工程圖]。

3. RATINGS [標準定額值]

Item [項目]	Standard [規格]	
Rated voltage [額定電壓]	30V MAX	AC
Rated current [額定電流]	WHEN APPLYING CURRENT ONLY TO	
	Pin:2.3.4 1A	
	WHEN APPLYING CURRENT TO THE	
	Pin:1.5 1.8A	
Operating temperature [使用溫度範圍]	-30°C ~ +80°C (Humidity range 80%RH MAX.)	

4. TEST CONDITION [試驗條件]

The test and measurement, unless otherwise specified, shall be carryout at a temperature of 15 to **35°C**, Relative humidity of 25 to 85%, and atmospheric pressure of 86 to 106kPa.

However, when any doubt arises on the judgment value under it, the test and measurement shall be carry out at a temperature of 20 ±2°C, relative humidity of 60 to 70%, and atmospheric pressure of 86 to 106kPa.

[除非特別說明之外，一般試驗及測量將於溫度 **15~35°C**，相對濕度 25~85%，大氣壓力 86~106kPa 之條件下完成，但若於上述條件下有任何影響判定值的疑慮，可考慮在溫度 20±2°C，相對濕度 60~70%及大氣壓力 86~106kPa 之條件下完成試驗。]

Appearance: By looking, there shall not be any abnormality such as deformity, exfoliation of plating, etc., which can reduce performance. No defect such as cracks scratches or blemishes.

[外觀: 經目視觀察，外觀不可有變形，電鍍脫落等會降低其功能的異常現象，也不可有嚴重破裂、刮傷或污損之缺點。]

		NEW			10/02/2
RE	ECN. NO.	REVISION	APPROV	DRAW	DATE
V.			ED	N	

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PRODUCT SPECIFICATION

5. ELECTRICAL EFFICIENCY [電氣特性]

N o.	Item [項目]	Test Method [試 驗 方 法]	Requirement [性能要求]
5. 1	Contact Resistanc e [接觸阻抗]	Mate connectors measure by dry circuit, 20mV Max., 100mA. [結合連接器後測試] {EIA-RS-364-06A}	30mΩ Max.
5. 2	Insulation Resistanc e [絕緣阻抗]	Mate connectors, apply 500V DC between adjacent terminal or ground. [結合後對獨立之端子施加 500V DC 電壓測 試] {EIA-364-21B}	1000MΩ Min.
5. 3	Withstandi ng Voltage [耐電壓]	Mate connectors, apply 500V AC for 1 minute between adjacent terminal or ground. [對各端子施加 500V AC 之電壓持續 1 分鐘] {EIA-364-20A. Method B}	Without damaged such as Arcing or breakdown etc... [不能有如跳電或破裂之類 的損 壞]

6. MECHANICAL EFFICIENCY [機械特性]

N o.	Item 項目	Test method 試 驗 方 法	Requirement 性能要求	
6. 1	Insertion/Wi th drawal Force 插入及拔出	Push the actually card at the speed rate of 12.5±3mm/minute 推進的速度為每分鐘 12.5±3mm	Lock force 插入力	3.57kg Max.
6. 2	Durability [耐久性]	Connectors shall be subjected to 5000 cycle of Insertion and Withdrawal. (Speed:100 ± 3mm/minute), 1、[連接器必須承受 5000 次的插拔循環] 2、[測試速度：100±3 毫米/分種]	Contact Resistance [接觸阻抗]	40 m Ω Max.
			Insertion/Wit hdr awal Force	20% loss

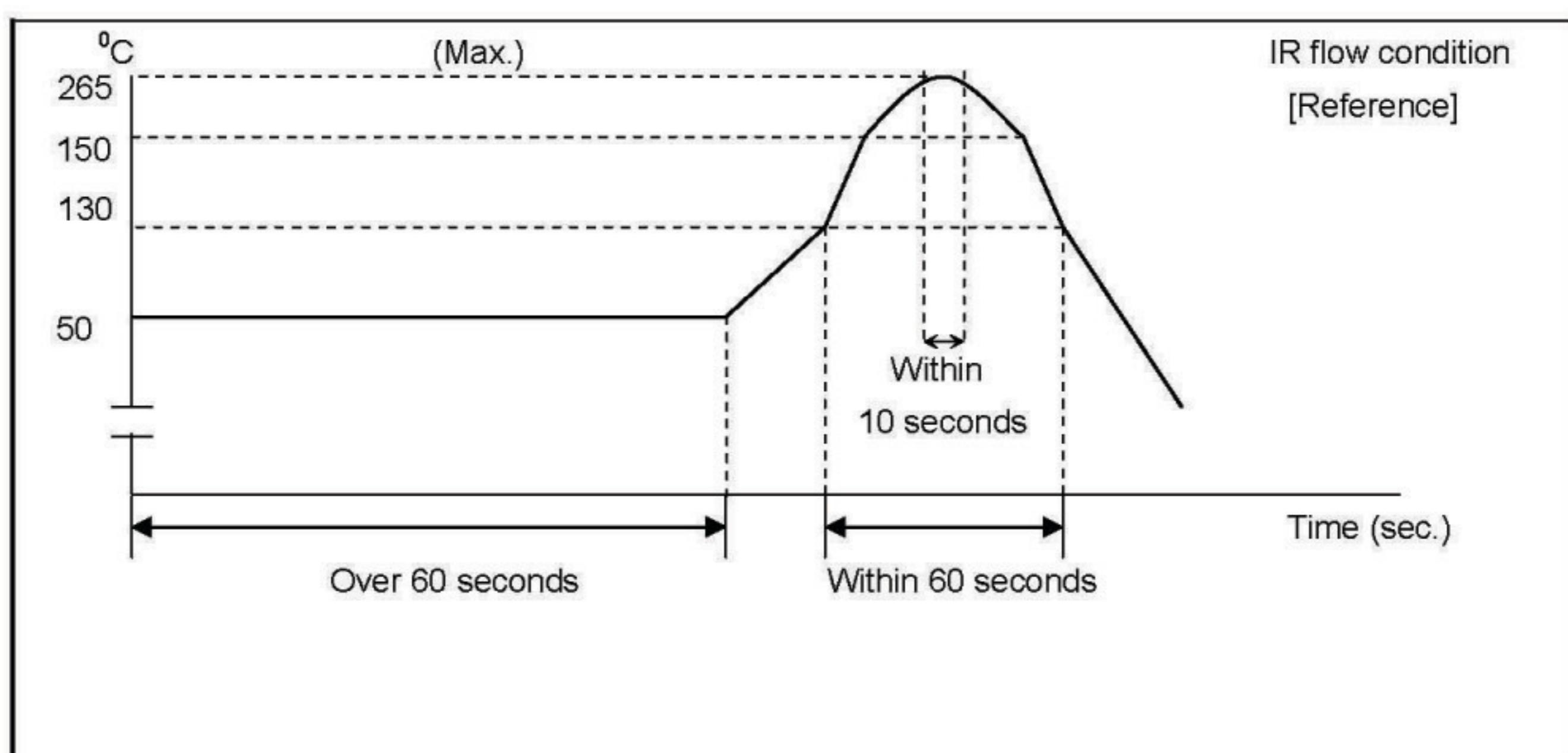
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PRODUCT SPECIFICATION

7. ENVIRONMENTAL EFFICIENCY AND OTHERS [環境及其他特性]

No. 編號	Item 項目	Test method 試 驗 方 法	Requirement 性能要求	
7.1	Humidity [耐濕性試驗]	<p>40±2°C in temperature and 90~95%RH for 96 hours. After testing connector shall be left alone for 1 to 2 hours in a room ambient.</p> <p>[溫度 40±2°C，相對濕度 90~95%，持續 96 小時。經試驗後，連接器須於室溫中放置 1~2 小時，再測定其值。]</p> <p>{EIA-364-31A, Method II, condition A}</p>	Appearance [外觀]	No damage 不可破壞
			Contact Resistance [接觸阻抗]	100mΩ Max.
			Withstanding Voltage [耐電壓]	Must meet No. 5.3
7.2	Salt spray [鹽水噴露試驗]	<p>Salt concentration: 5% / Temperature: 35±2°C</p> <p>Testing time: 48 hours, After salt is removed by running water and a drop is removed, it is measured.</p> <p>[鹽水比重：5% / 溫度：35±2°C]</p> <p>[試驗時間：48 小時，用清水將殘留鹽份清洗並將水滴清除後，才可測量。]</p> <p>{EIA-364-26A, Condition A}</p>	Appearance [外觀]	No damage [不可破壞]
			Contact Resistance [接觸阻抗]	100 mΩ Max.
7.3	Thermal shock [熱衝擊試驗]	<p>Temperature: -55→20~35 → 85 → 20~35 (°C)</p> <p>Temp. Time: 30 → 5 → 30 → 5 (minute)</p> <p>Cycle: 5 cycles. / 5 個循環</p> <p>{EIA-364-32B, Condition I}</p>	Appearance [外觀]	No damage [不可破壞]
			Contact Resistance [接觸阻抗]	100 mΩ Max.
7.4	Solderability [鋅錫性試驗]	<p>Soldering time: 4-5 second (Use flux)</p> <p>Solder Temperature: 235±5°C</p> <p>[鋅錫時間：4-5 秒 (使用助溶劑)]</p> <p>[鋅錫溫度：235±5°C]</p> <p>{EIA-364-52}</p>	95% min. of solder area [鋅錫面積的 95%]	
7.5	Resistance to soldering heat[耐焊性]	<p>Place the connector on the P.C.Board, then immerse the solder pin up to the surface of the board in the solder bath at 260°C±5°C for 10 seconds.</p> <p>[將連接器置於 PC 板上，然後將露出 PC 板表面的 Pin 腳部分浸入 260°C±5°C 的錫爐中 10 秒。]</p>	<p>1. Without deformation of ease or excessive loosen.</p> <p>[塑膠不得有明顯的變形或損壞]</p> <p>2. Electrical characteristics shall be satisfied.</p> <p>[電氣特性必須符合規格]</p>	

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8. CONNECTOR TESTS AND SEQUENCES [測試順序]