LiQiang
CONNECTOR

样品承认书

APPROVAL SHEET

TO： 香港全纬科技有限公司

SPECIFICATION FOR APPROVAL

DESCRIPTION: **0.5mm BTB MALE**

CUSTOMER PROD.NO: BT101-560GR0

LiQiang PROD.NO: **2008-10-24**

Customer approvel:

customer approvel		

Signature:

APPROVAD	CHECKED	R&D	PREPARED
KEN	WILLIAM	庄伟	ELAINE

常州市利强电子有限公司

Changzhou LiQiang Electronics Co.,Ltd

TEL:0519-88015836 **FAX:0519-88107657**

ITEM CHECKLIST

Part Number: BT101-560GR0

Description: 0.5mm PITCH 2.0H BTB 60PIN MALE V/A SMT TYPE NO POST

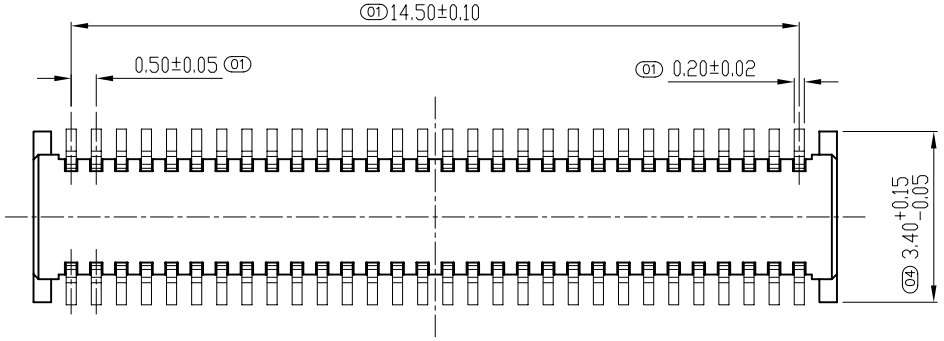
This "Package" is a checklist covering items required。
產品承認須提供所列的文件資料。

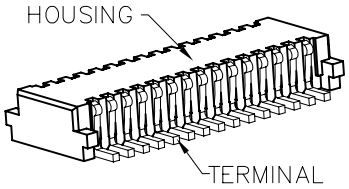
ITEM 項次	DESCRIPTION 說明	檔案格式	Check/Remark 檢查/註記
PHASE 1: DESIGN REVIEW			
1	客戶圖 Customer drawing	PDF	ν
2	包裝圖 Packing drawing	PDF	ν
3	產品規範 Product Specification	PDF	ν
4	原材料材質性能/規格試驗/驗證報告 Material spec. Certification: Resin & Metal	PDF	ν
5	原材料RoHS/MSDS or 第三公証單位證明文件: 塑膠和金屬 Material RoHS certification report.	PDF	ν
6	成品UL證明(特別指定再提供) Finished Product UL Certification (where applicable)	PDF	χ
PHASE 2: FA REVIEW			
7	FAI報告,必須包含客戶產品圖上所有標註的尺寸檢驗(最少每一模穴各一個檢驗樣品) Inspection data of ALL dimensions & requirements indicated in Customer Drawing (At least one hsg cavity one sample which must be sa	PDF	χ
8	電鍍檢驗圖面/規範and量測點圖面 Plating inspection dwg/specifica	PDF	ν
9	電鍍膜厚量測報告(每一電鍍層最少5點) Plating Measurement Data Report(5 measuring data min. per plating layer)	PDF	ν
10	製程品質管制圖 Process and Quality Flow Chart	PDF	χ
11	品質檢驗計畫(需記載檢驗點,檢驗設備,批號以及接受/判退...等; RoHS有毒物質需列入定期檢驗項目) Quality Inspection Plan (specifying inspection points, equipment used, lot number, accept/reject…etc)	PDF	χ
12	製程能力分析(最少量測30個數值) Process Capability Study (minimum 30 pcs measurement data)	PDF	χ
13	檢驗治具圖面 Gauge Design	PDF	χ
14	包裝測試報告 Packaging Test Report	PDF	χ

PS: 1. New Part No. should not be released until all the documents are in hands ofEngineering Dept.
1. 新產品承認資料未送達工程部前不得發行

2. New Part No. should not be keyed into the system until all phase 2 documents are in hands of Eng. Dep. And approval.
2. 第二階段文件未送達工程部,且未完成產品承認前, 系統不得運行產品料號.

REV	ECN No.	LOCATIONS	DESCRIPTION	DATE	DESIGNED
A0			INITIAL RELEASE	12/22'07	DICK

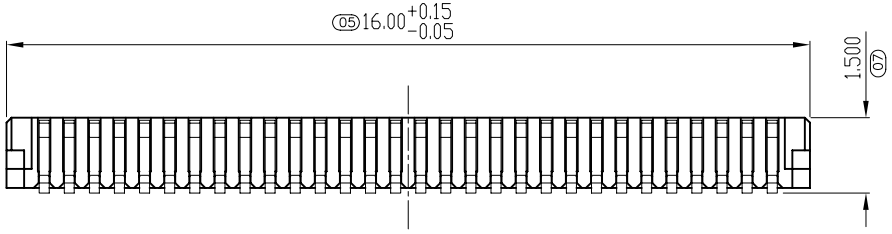


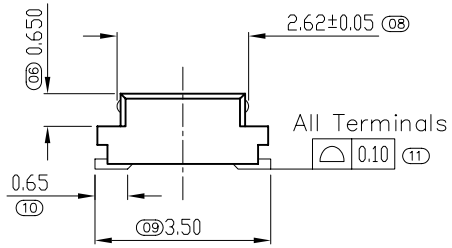


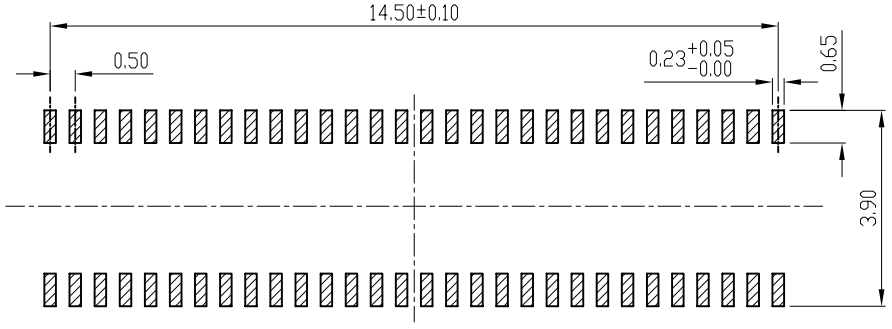
NOTE:

1. MATERIAL:
   TERMINAL: COPPER ALLOY, T=0.2mm;
   HOUSING: HIGH−TEMP THERMOPLASTIC,
   UL94V−0, COLOR: BLACK;
2. FINISHING:
   Ni 50u"MIN ALL OVER AREAS,
   GOLD FLASH ON CONTACT AND SOLDER AREAS;
3. ALL MATERIALS MEET GP OR Rosh
   AS CUSTOMER REQUIREMENTS;
4. (**) MARCKED SHOULD BE CONTROLLED IN FAI;
5. SPECIFICATION
   CURRENT RATING: 0.5A AC/DC;
   VOLTAGE RATING: 50V AC/DC;
   TEMPERATURE RANGE: −40°C~+85°C;
   INSEULATION RESISITANCE: 100MΩ MIN;
   CONTACT RESISTANCE: 40mΩ MAX;
   WITHSTANDING VOLTAGE: 200V AC/Minute;
6. JXT P/N:

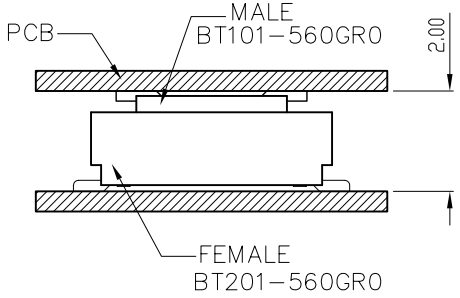
OLD	NEW
210−106001−001	BT101−560GR0







RECOMMEND PCB LAYOUT
TOLERENCE: ±0.05



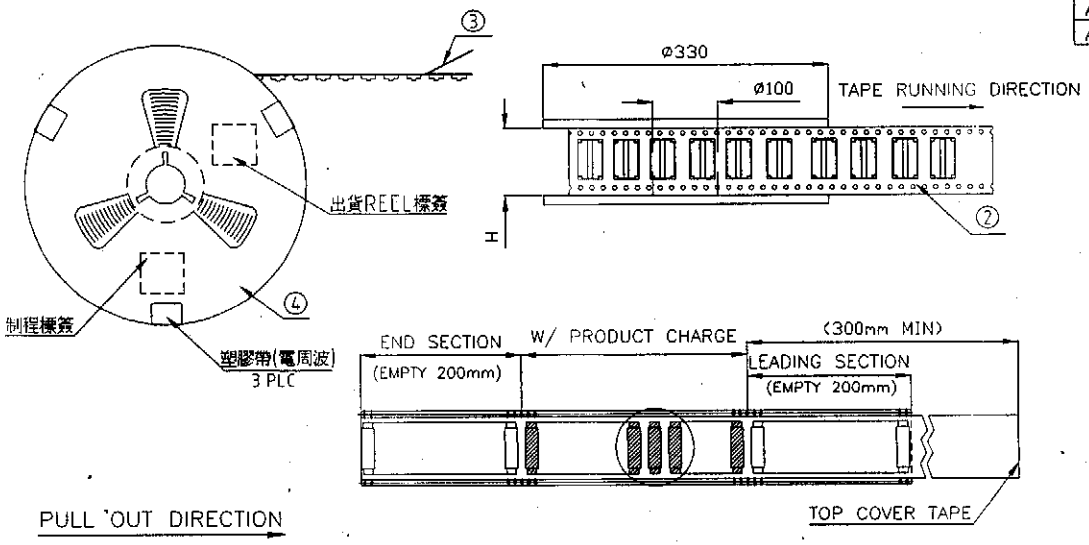
MALE/FEMAL MATING HEIGHT

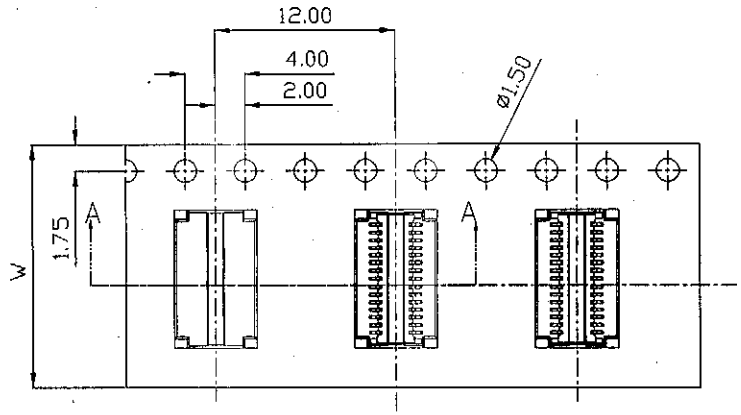
DIM	TOL	DEC	TOL
X.	±0.35	X.°	±2°
X.X	±0.25	X.X°	---
X.XX	±0.15	X.XX°	---
X.XXX	±0.10	X.XXX°	---

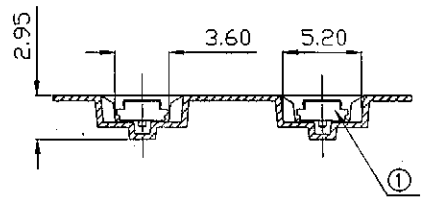
JXT CONNECTOR 捷訊騰精密電子科技有限公司
JXT PRECISION ELECTRONICS TECHNICAL CO.,LTD

DRAWING NO.: DICK 12/22'07	PART NO. BT101−560GR0
CHECK: TOMMY 12/22'07	TITLE: 0.5mm PITCH BTB 2.0H MALE NO POST 60PIN − C DWG
APPROVED: JUN_RUAN 12/22'07	DRAWING NO. BT101−560GR0
SHEET: 1/1	UNIT mm / SCALE N/A / SIZE A4 / REV A0

REV	ECN No.	LOCATIONS	DESCRIPTION	DATE	DESIGNED
A0			INITIAL RELEASE	09/19'07	DICK
A1		Ⓐ1	變更料號,	11/28'07	DICK







SEC A-A

1 包裝方式:

1.1. 使用半自動包裝,先將CARRY TAPE 送入導軌中,并將COVER TAPE 貼合在上面,其中初始200mm空槽不要放產品,然后將產品如圖所示方向依次放入CARRY TAPE內,每個槽放1PCS,每REEL共包裝產品2000PCS,最后需留200mm空槽不放產品.

1.2. 用膠帶將CARRY TAPE綁在一起,外圍再用塑膠帶(電周波)纏繞一圈,在REEL上貼上LABEL,注明料號,日期(D/C),數量.

1.3. 如圖示,將 a PCS已裝好成品的REEL放入PE袋中, PE袋內放1PCS的干燥劑, 紙箱中先放1PC紙板 ,再將裝好產品的PE袋放入, 再放1PCS紙板, 四周放入折疊板; 膠帶封箱,并在注明相關內容.

注意:

1. 防止漏裝,禁止碰歪產品錫腳;
2. 產品在 CARRY TPAE中的方向須如圖所示;
3. COVER與CARRY剝離力:10.2--71.4gf, 速度:300mm/min.

Ⓐ1 2.BOM

NO	NAME	P/N	SPEC.	Q'TY
①	PRODUCT	BT101-5XXXXX	---	SEE TABLE
②	CARRY TAPE	SEE TABLE	PS,P=12mm	SEE TABLE(b m)
③	COVER TAPE	SEE TABLE	PE,熱熔式	SEE TABLE(c m)
④	REEL	SEE TABLE	Ø330×100mm	a PCS
⑤	CARTON(紙箱)	P07-0000-001	350×350×300mm	1 PCS
⑥	紙板	P08-0000-001	332×332mm,T=3mm	2 PCS
⑦	折疊板	P09-0000-002	270×285mm,T=3mm	4 PCS
⑧	PE袋	P06-0000-004	1000×600×0.06mm	1 PCS
⑨	干燥劑10g	P13-0000-002	--	1 PCS
⑩	外箱ROHS標簽	--	--	1 PCS

DIM	TOL	DEC	TOL
X.	±--	X.'	---
X.X	±--	X.X"	---
X.XX	±--	X.XX"	---
X.XXX	±--	X.XXX"	---

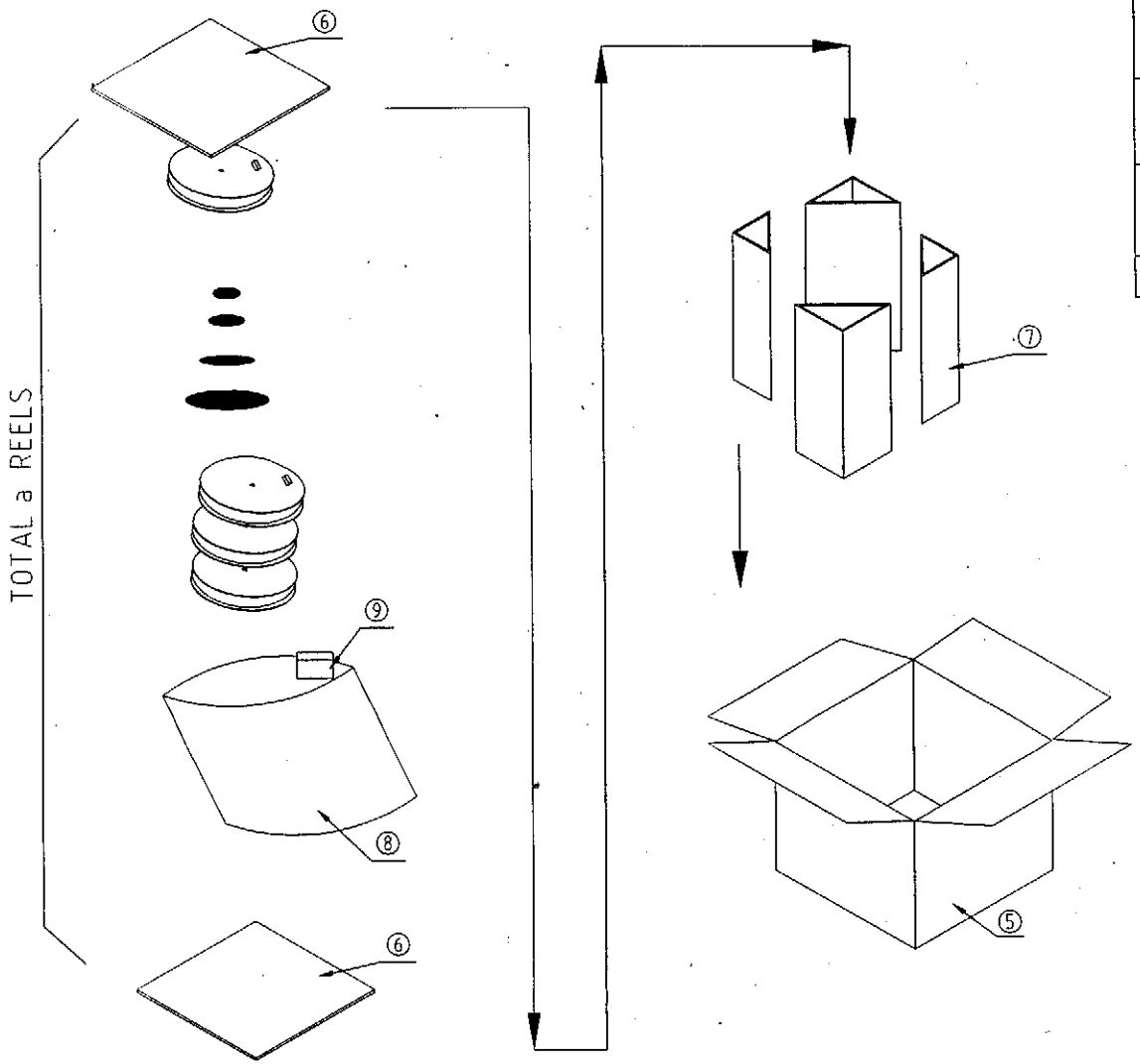
JXT CONNECTOR 捷訊騰精密電子科技有限公司
JXT PRECISION ELECTRONICS TECHNICAL CO.,LTD

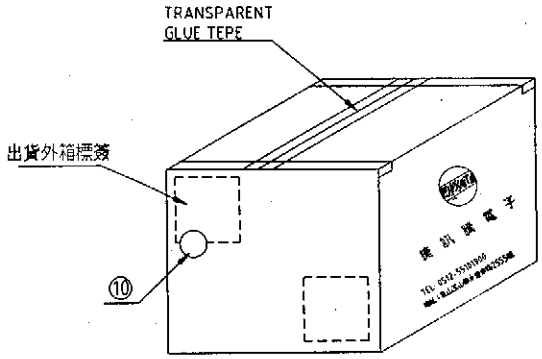
DRAWING: DICK 11/28'07	PART NO. BT101-5XXXXX
CHECK: TOMMY 11/28'07	TITLE: 0.5mm PITCH BTB 2.0H MALE - REEL包裝圖
APPROVED: JUN_RUAN 11/28'07	DRAWING NO. BT101-5XXXXX
SHEET: 1/2	UNIT: mm / SCALE: N/A / SIZE: A4 / REV: A1

REV	ECN No.	LOCATIONS	DESCRIPTION	DATE	DESIGNED
A0			INITIAL RELEASE	09/19'07	DICK
A1		A1	變更料號.	11/28'07	DICK

A1 3.TABLE :

PIN	CARRY TAPE (DIMM W)	CARRY TAPE (b m)	COVER TAPE (c m)	REEL (DIM H)	REELS/CARTON (a)	QUANTITY (PCS)
80	P01-XXXX-001 (32.0)	195.2	P02-0000-002 (196.8)	P03-0000-001 (32.4)	8	16K
74 ~ 44	P01-XXXX-001 (24.0)	244.0	P02-0000-001 (246.0)	P03-0000-003 (24.4)	10	20K
42 ~ 30	01-XX-001 (16.0)	317.2	P02-000-003 (319.8)	P03-0000-002 (16.4)	13	26K
28 ~ 10	P01-XXXX-001 (12.0)	390.4	P02-000-007 (393.6)	P03-0000-006 (12.4)	16	32K





DIM	TOL
X.	±--
X.X	±--
X.XX	±--
X.XXX	±--

DEC	TOL
X.°	---
X.X°	---
X.XX°	---
X.XXX°	---

JXT CONNECTOR 捷訊騰精密電子科技有限公司
JXT PRECISION ELECTRONICS TECHNICAL CO.,LTD

DRAWING: DICK 11/28'07	PART NO. BT101-5XXXXX
CHECK: TOMMY 11/28'07	TITLE: 0.5mm PITCH BTB 2.0H MALE - REEL 包裝圖
APPROVED: JUN_RUAN 11/28'07	DRAWING NO. BT101-5XXXXX
SHEET: 2/2	UNIT mm / SCALE N/A / SIZE A4 / REV A1

0.5mm Pitch BTB 2.0H SMT Type Connector

1. SCOPE

1.1. CONTENTS

This specification covers the performance, tests and quality requirements for the **0.5mm Pitch BTB 2.0H SMT Type Connector**.

1.2. QUALIFICATION

When tests are performed on the subject product line, the procedures specified in JXT BTX01-5XXXXX series specifications shall be used. All inspections shall be performed using the applicable inspection plan and product drawings.

2. APPLICABLE DOCUMENT

The following JXT documents form a part of this specification to the extent specified herein. Unless otherwise specified, the latest edition of the document applies. In the event of conflict between the requirements of this specification and the product drawings, the product drawing shall take precedence. In the event of conflict between the requirements of this specification and the referenced documents, this specification shall take precedence.

3. REQUIREMENTS

3.1. DESIGN AND CONSTRUCTION

Product shall be of the design, construction and physical dimensions specified on the applicable product drawings.

3.2. MATERIALS

A. Housing：Thermoplastic, UL94V-0

B. Contact：Copper Alloy, Gold plating on contact and solder areas over Nickel underplating overall.

3.3. RATINGS

A. Voltage: **50** VAC(rms)/DC.

B. Current: **0.5** A Max

C. Temperature: - **40** ℃ to **85** ℃

3.4. PERFORMANCE REQUEIREMENT AND TEST DESCRIPTION

The product shall be designed to meet the electrical, mechanical and environmental performance requirements specified in Figure 1. All tests shall be performed at ambient environmental conditions TEST REQUIREMENTS AND PROCEDURES SUMMARY.

3.5. TEST REQUIREMENTS AND PROCEDURES SUMMARY

TEST ITEM		REQUIREMENT	PROCEDURE
1	Examination of Product	Meets requirements of product drawing. No physical damage.	Visual inspection.
ELECTRICAL REQUIREMENT			
2	Contact Resistance	[20] mΩ Max(Initial) ΔR=[20] mΩ Max(Final)	Subject mated contacts assembled in housing to 100mV Max open circuit at 50mA Max. Refer to Fig.3
3	Dielectric withstanding Voltage	No creeping discharge or flashover shall occur. Current leakage: 0.5 mA MAX	[50]VAC/DC for 1minute Test between adjacent circuits of unmated connector.
4	Insulation Resistance	[100] M Ohm Min.(Initial) [100] M Ohm Min.(Final)	Impressed voltage 500 VDC. Test between adjacent circuits of unmated connector.
MECHANICAL REQUIREMENT			
5	Mating Force	90 gf/Pin Max.	Operation Speed：[25]±3 mm/min. Measure the force required to male mate fenale connector.
6	Unmating Force	10 gf/Pin Min..	Operation Speed：[25]±3 mm/min. Measure the force required to male unmate fenale connector.
7	Durability	Visual inspection.	Operation Speed：[25] cycle/min. Durability Cycles：50m Cycles
8	Vibration	No electrical discontinuity greater than 0.1 sec shall occur. See Note.	Subject mated connectors to 10-55-10 Hz traversed in 1minutes at 1.52mm amplitude 2 Hours each of 3 mutually perpendicular planes. 10 m Ohm MAX(change from initial).
9	Mechanical Shock	No electrical discontinuity greater than 0.1 sec shall occur. See Note.	Accelerate Velocity：490m/s^2 （50G） Waveform：Half-sine shock plus Duration：11msec No. of Drops：3 drops each to normal and reversed directions of X,Y and Z axes, totally 18 drops, passing DC 10 mA max(change from initial). current during the test.

Figure 1（Cont.）

MECHANICAL REQUIREMENT			
TEST ITEM		**REQUIREMENT**	**PROCEDURE**
10	Solder ability	The inspected area of each lead must have 95% solder coverage minimum.	Steam Aging Preconditioning： Intended for tin and tin-alloy leadfinishes for 93+3/-5℃、8hrs. Solder pot temperature: 235±5℃, 3sec
ENVIRONMENTAL REQUIREMENTS			
12	Resistance to **Reflow** Soldering Heat	No physical damage shall occur.（**Lead-Free**）	Pre Heat：150~180℃, 90±30sec. Heat：230℃ Min., 30±10sec. Peak Temp.：**260+0/-5℃**, 10 sec MIN. Duration：3 cycles
13	Thermal Shock	Visual inspection.	Mated Connector -55+/-3℃(30 min.), +85+/-2℃(30 min.) Perform this a cycle, repeat 5 cycles EIA-364-32C, Condition Ⅰ
14	Humidity-Temperature Cycle	Remove surface moisture and air dry for 1hour prior to measurements.	Mated Connector 25~65℃, 90~95% RH, 96 hours.
15	Temperature Life (Heat Aging)	Visual inspection.	Mated Connector 85℃, 250 hours, EIA-364-17B.
16	Salt Spray	No detrimental corrosion allowed in contact area and base metal exposed.	Subject mated connectors to 35+/-2℃ and 5+/-1% salt condition for **8hours**. After test, rinse the sample with water and recondition the room temperature for 1 hour.

Figure 1（End）

NOTE：Shall meet visual requirements, show no physical damage, and meet requirement of additional tests as specified in the test sequence in Figures 2

3.6. PRODUCT QUALIFICATION AND REQUALIFICATION TEST

Test or Examination	Test Group									
	A	B	C	D	E	F	G	H	I	J
	Test Sequence（a）									
Examination of Product	1, 7	1, 9	1, 6	1, 5	1, 5	1, 5	1, 5	1, 3	1, 3	1, 3
Contact Resistance		2, 8	2, 5	2, 4	2, 4	2, 4	2, 4			
Dielectric withstanding Voltage	3, 6									
Insulation Resistance	2, 5									
Temperature Rising								2		
Mating Force		3, 7								
Unmating Force		4, 6								
Durability		5								
Vibration			3							
Mechanical Shock			4							
Solderability										2
Resistance to Soldering Heat									2	
Thermal Shock				3						
Humidity Temperature Cycling	4				3					
Temperature Life						3				
Salt Spray							3			

Figure 2

NOTE：（a）Numbers indicate sequence in which tests are performed.

（b）Discontinuities shall not take place in this test group, during tests.

Figure 3. Contact Resistance & Resistance to flow solder heat

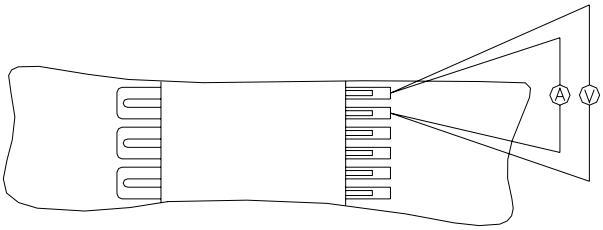


Fig.3−1 Termination Resistance Measuring Points.

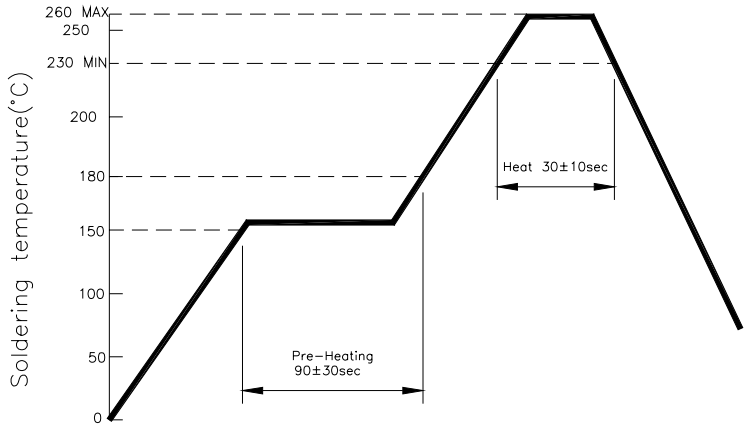


Fig.4−1 Temperature Profile of Reflow Soldering

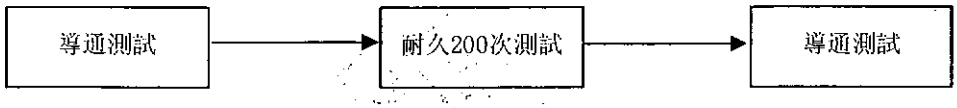
昆山捷訊騰精密電子科技有限公司

耐久測試報告

试件编号:071024001

试件名称:0.5mm BTB 2.0H SMT 60PIN

測試方式：



备注:導通測試8PCS，耐久顯示1PCS測試數據

一、導通測試

序號	規格	測試數據	判定
1	<50 m ohm	18 m ohm	pass
2	<50 m ohm	19 m ohm	pass
3	<50 m ohm	22 m ohm	pass
4	<50 m ohm	17 m ohm	pass
5	<50 m ohm	19.5 m ohm	pass
6	<50 m ohm	22 m ohm	pass
7	<50 m ohm	18 m ohm	pass
8	<50 m ohm	21.4 m ohm	pass

一、耐久測試

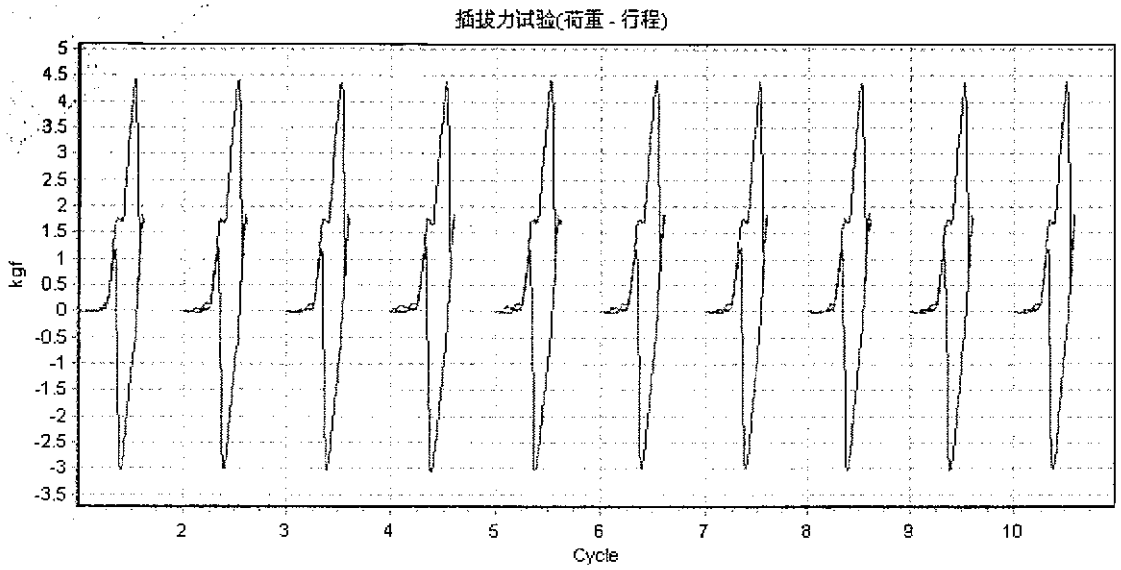
Cycle	往程最大力量(Kgf)	往程最大力量之位移(mm)	返程最大力量(Kgf)	返程最大力量之位移(mm)
1	4.403	1.068	-3.017	0.796
2	4.405	1.068	-2.995	0.804
3	4.352	1.076	-3.010	0.792
4	4.372	1.068	-3.035	0.796
5	4.409	1.068	-3.030	0.796
6	4.394	1.068	-2.986	0.804
7	4.376	1.068	-2.984	0.804
8	4.353	1.068	-3.010	0.796
9	4.362	1.068	-3.020	0.804
10	4.366	1.068	-2.985	0.808
11	4.346	1.064	-2.992	0.808
12	4.333	1.064	-2.987	0.808
13	4.321	1.064	-2.993	0.808
14	4.326	1.064	-2.998	0.808

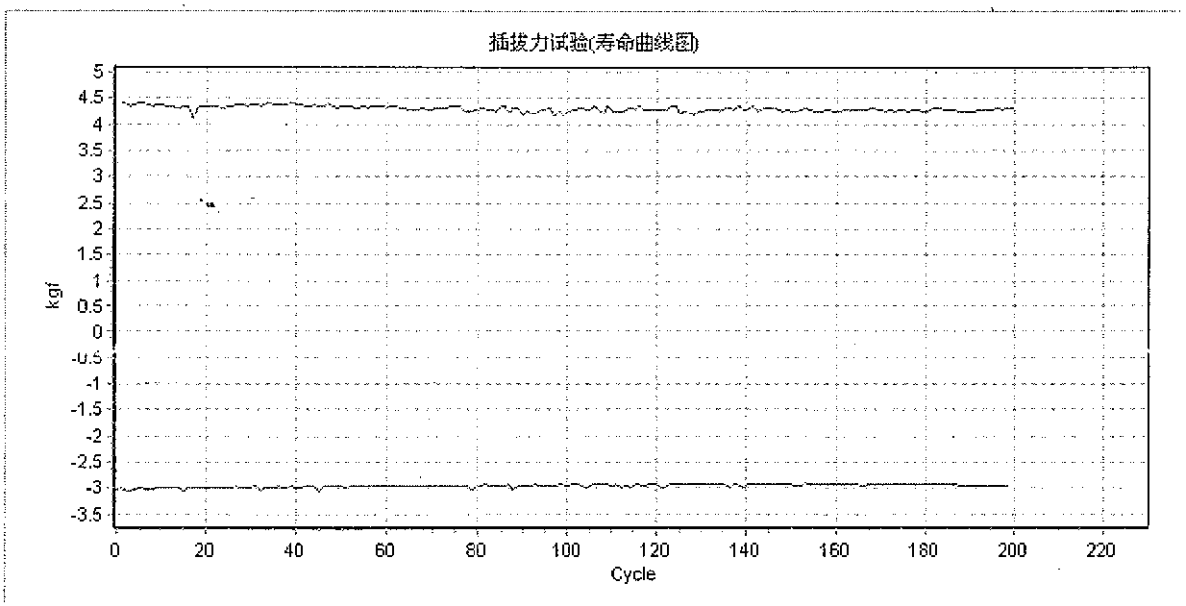
15	4.333	1.064	-2.986	0.808
16	4.335	1.052	-3.045	0.792
17	4.100	1.036	-2.997	0.800
18	4.305	1.056	-2.979	0.812
19	4.346	1.064	-2.974	0.812
20	4.330	1.064	-2.982	0.812
21	4.349	1.064	-2.977	0.812
22	4.350	1.056	-2.982	0.804
23	4.325	1.056	-2.981	0.804
24	4.322	1.064	-2.977	0.812
25	4.333	1.076	-2.978	0.804
26	4.349	1.064	-2.972	0.804
27	4.378	1.068	-2.977	0.804
28	4.377	1.068	-2.968	0.804
29	4.339	1.060	-2.973	0.812
30	4.375	1.068	-2.971	0.804
31	4.390	1.068	-2.971	0.804
32	4.336	1.068	-2.964	0.804
33	4.370	1.068	-3.051	0.796
34	4.403	1.068	-2.975	0.804
35	4.364	1.068	-2.974	0.804
36	4.372	1.068	-2.973	0.804
37	4.365	1.056	-2.964	0.804
38	4.374	1.060	-2.971	0.804
39	4.394	1.060	-2.971	0.796
40	4.362	1.068	-2.961	0.800
41	4.375	1.072	-2.976	0.792
42	4.347	1.076	-2.991	0.792
43	4.353	1.064	-2.962	0.804
44	4.374	1.076	-2.960	0.816
45	4.352	1.068	-2.961	0.808
46	4.336	1.072	-3.037	0.792
47	4.409	1.072	-2.952	0.812
48	4.359	1.064	-2.951	0.804
49	4.309	1.072	-2.958	0.812
50	4.330	1.064	-2.959	0.804
51	4.343	1.064	-2.955	0.804
52	4.336	1.064	-2.980	0.804
53	4.315	1.064	-2.955	0.812
54	4.298	1.064	-2.956	0.812
55	4.343	1.072	-2.956	0.804
56	4.320	1.064	-2.962	0.804
57	4.337	1.064	-2.951	0.804
58	4.331	1.072	-2.956	0.804
59	4.329	1.072	-2.950	0.800
60	4.320	1.072	-2.951	0.800
61	4.351	1.072	-2.946	0.812
62	4.348	1.076	-2.952	0.812
63	4.316	1.076	-2.953	0.800
64	4.327	1.064	-2.951	0.812
65	4.277	1.064	-2.953	0.812

66	4.293	1.064	-2.950	0.812
67	4.271	1.064	-2.954	0.812
68	4.299	1.064	-2.957	0.812
69	4.290	1.064	-2.954	0.820
70	4.281	1.064	-2.954	0.812
71	4.299	1.064	-2.954	0.812
72	4.326	1.064	-2.952	0.808
73	4.305	1.068	-2.946	0.816
74	4.335	1.068	-2.942	0.812
75	4.330	1.068	-2.946	0.812
76	4.332	1.064	-2.950	0.808
77	4.251	1.052	-2.956	0.808
78	4.251	1.048	-2.939	0.812
79	4.248	1.060	-2.968	0.804
80	4.282	1.056	-3.010	0.796
81	4.316	1.064	-2.950	0.804
82	4.272	1.056	-2.956	0.804
83	4.264	1.056	-2.936	0.804
84	4.241	1.048	-2.945	0.804
85	4.319	1.056	-2.946	0.804
86	4.343	1.064	-2.939	0.804
87	4.206	1.056	-2.945	0.804
88	4.313	1.056	-2.932	0.804
89	4.303	1.056	-3.024	0.796
90	4.196	1.056	-2.939	0.804
91	4.233	1.056	-2.937	0.804
92	4.223	1.056	-2.940	0.804
93	4.199	1.060	-2.956	0.804
94	4.283	1.060	-2.934	0.804
95	4.268	1.060	-2.940	0.804
96	4.322	1.060	-2.937	0.812
97	4.145	1.048	-2.948	0.804
98	4.235	1.056	-2.952	0.812
99	4.168	1.056	-2.933	0.812
100	4.217	1.056	-2.928	0.812
101	4.270	1.056	-2.937	0.812
102	4.267	1.060	-2.932	0.812
103	4.301	1.068	-2.935	0.804
104	4.265	1.068	-2.924	0.804
105	4.270	1.068	-2.971	0.796
106	4.334	1.068	-2.939	0.808
107	4.262	1.072	-2.929	0.812
108	4.223	1.064	-2.930	0.804
109	4.329	1.064	-2.927	0.816
110	4.236	1.060	-2.927	0.808
111	4.251	1.060	-2.938	0.812
112	4.261	1.056	-2.928	0.812
113	4.278	1.056	-2.994	0.804
114	4.318	1.056	-2.927	0.812
115	4.278	1.056	-2.987	0.804
116	4.357	1.056	-2.927	0.812

117	4.276	1.056	-2.927	0.812
118	4.280	1.056	-2.942	0.812
119	4.290	1.056	-2.932	0.820
120	4.270	1.056	-2.931	0.812
121	4.264	1.056	-2.934	0.812
122	4.274	1.056	-2.975	0.804
123	4.339	1.064	-2.961	0.804
124	4.336	1.064	-2.920	0.812
125	4.185	1.056	-2.925	0.812
126	4.261	1.056	-2.922	0.812
127	4.226	1.056	-2.919	0.812
128	4.195	1.056	-2.920	0.820
129	4.235	1.056	-2.923	0.820
130	4.262	1.056	-2.924	0.812
131	4.284	1.056	-2.922	0.812
132	4.281	1.056	-2.924	0.812
133	4.272	1.056	-2.921	0.812
134	4.254	1.056	-2.931	0.812
135	4.307	1.056	-2.928	0.812
136	4.306	1.056	-2.935	0.804
137	4.287	1.056	-2.991	0.792
138	4.328	1.068	-2.923	0.812
139	4.271	1.068	-2.923	0.812
140	4.270	1.068	-2.973	0.804
141	4.334	1.068	-2.920	0.812
142	4.245	1.068	-2.925	0.812
143	4.289	1.064	-2.919	0.812
144	4.321	1.064	-2.924	0.812
145	4.298	1.056	-2.920	0.812
146	4.296	1.064	-2.922	0.812
147	4.270	1.064	-2.918	0.812
148	4.259	1.064	-2.918	0.820
149	4.287	1.064	-2.917	0.820
150	4.261	1.056	-2.915	0.804
151	4.247	1.056	-2.912	0.812
152	4.274	1.064	-2.956	0.804
153	4.296	1.072	-2.944	0.804
154	4.281	1.064	-2.903	0.812
155	4.258	1.064	-2.917	0.812
156	4.257	1.068	-2.920	0.812
157	4.258	1.068	-2.921	0.812
158	4.272	1.068	-2.920	0.812
159	4.233	1.068	-2.915	0.820
160	4.231	1.068	-2.918	0.820
161	4.259	1.068	-2.913	0.820
162	4.271	1.068	-2.918	0.820
163	4.253	1.056	-2.916	0.820
164	4.279	1.068	-2.923	0.812
165	4.281	1.056	-2.921	0.812
166	4.288	1.068	-2.913	0.816
167	4.289	1.068	-2.947	0.808

168	4.323	1.064	-2.910	0.812
169	4.290	1.064	-2.909	0.812
170	4.274	1.064	-2.910	0.820
171	4.241	1.064	-2.913	0.820
172	4.276	1.064	-2.917	0.820
173	4.258	1.064	-2.910	0.820
174	4.271	1.064	-2.913	0.820
175	4.273	1.064	-2.917	0.824
176	4.262	1.064	-2.913	0.820
177	4.263	1.064	-2.924	0.820
178	4.274	1.108	-2.920	0.832
179	4.258	1.108	-2.920	0.832
180	4.262	1.108	-2.916	0.824
181	4.287	1.108	-2.910	0.832
182	4.296	1.100	-2.908	0.832
183	4.296	1.100	-2.907	0.840
184	4.281	1.108	-2.916	0.840
185	4.265	1.112	-2.915	0.840
186	4.272	1.112	-2.912	0.848
187	4.243	1.112	-2.925	0.840
188	4.250	1.112	-2.928	0.840
189	4.244	1.112	-2.938	0.848
190	4.250	1.120	-2.943	0.840
191	4.253	1.112	-2.949	0.840
192	4.285	1.112	-2.951	0.840
193	4.276	1.112	-2.945	0.848
194	4.277	1.112	-2.939	0.840
195	4.284	1.112	-2.942	0.832
196	4.299	1.112	-2.950	0.840
197	4.285	1.112	-2.955	0.824
198	4.308	1.112	-2.942	0.844
199	4.296	1.108	-2.941	0.848
200	4.293	1.100	-2.940	0.828
最大値	4.409	1.12	-2.903	0.848
最小値	4.1	1.036	-3.051	0.792
平均値	4.297	1.068	-2.949	0.812
差値	0.309	0.084	0.148	0.056
标准差	0.119	0.016	0.055	0.014


插拔力试验(荷重 - 行程)
kgf
Cycle


插拔力试验(寿命曲线图)
kgf
Cycle

三、導通測試

序號	規格	測試數據	判定
1	<50 m ohm	24 m ohm	pass
2	<50 m ohm	28 m ohm	pass
3	<50 m ohm	30 m ohm	pass
4	<50 m ohm	32 m ohm	pass
5	<50 m ohm	28 m ohm	pass
6	<50 m ohm	27 m ohm	pass
7	<50 m ohm	31 m ohm	pass
8	<50 m ohm	34 m ohm	pass

核准：Allen Wang 10/30.07　審核：Dick Lei 10/30.07　制作：Yang-Jui 10/30.07

DSM Engineering Plastics Jiangsu
Zhouzhuang,jianyin
Jiangsu Province,China 214423
Telephone(510)624507,Telefax(510)6223507

DSM

Analysis Certificate

Grade(型号): Stanyl TS250F6D

Color(颜色): BLACK 9B0040

Batch(批号): BJ470505

Characteristics 性能	Test Method 测试方法	Unit 单位	Result 结果	Specifications 规格
Moisture 水份	ISO15512	%	0.028	<=0.075
VN 粘数	ISO307	ml/g	157.67	160+/-20
Reinforceing filler content 填充物含量	ISO3451	%	30.39	31.0+/-2.0
UL94(0.8) 阻燃	UL94	-	V-0	V-0

Signature(签名):

Date(日期): 2006-11-28

The material covered by this delivery is produced in accordance with DSM Engineering Plastics jiangsu(DEPJ)s manufacturing specifications currently in force for this product grade, unless otherwise stated hereinafter. DEPJ certifies that the material supplied conforms to the performance typical for this grade and production description, and has been monitored in accordance with the internal quality control routines employed in our company. However, the buyer must check the suitability of this grade for the actual application.

兹证明此材料符合帝斯曼工程塑料（江苏）有限公司该产品型号现行有效之生产规格除在以下另有声明，帝斯曼工程塑料（江苏）有限公司证明所供材料符合该型号性能特性和产品描述，且已按照本公司内部质量控制规范进行监测。但是，买方应检验型号和实际用途之间的适合性。

This certificate does not release the recipient from his obligation to carry out his usual incoming goods inspections.

本证书并不免除收货人进行常规进货检验的责任。

Additional Remarks:

备注:

本材料符合产品销售合同中所描述的标准。

絕 緣 阻 抗 測 試 報 告

品名：0.5BTB60PIN(無柱)　　料號：2530-14600B-N1/2530-04600B-C1
數量：8Set　　送測單位：品保部(IPQC)
送測日期：2007/10/30　　完成日期：2007/10/30

Sample	Specification	Test Data			Judge
		Max.	Min.	Avg.	
1	100MΩMin	>999	>999	>999	PASS
2	100MΩMin	>999	>999	>999	PASS
3	100MΩMin	>999	>999	>999	PASS
4	100MΩMin	>999	>999	>999	PASS
5	100MΩMin	>999	>999	>999	PASS
6	100MΩMin	>999	>999	>999	PASS
7	100MΩMin	>999	>999	>999	PASS
8	100MΩMin	>999	>999	>999	PASS

接 觸 阻 抗 測 試 報 告

品名：0.5BTB60PIN(無柱)　　料號：2530-14600B-N1/2530-04600B-C1
數量：8Set　　送測單位：品保部(IPQC)
送測日期：2007/10/30　　完成日期：2007/10/30

Sample	Specification	Test Data			Judge
		Max.	Min.	Avg.	
1	50mΩMax	32.5	16.7	17.2	PASS
2	50mΩMax	31.6	15.8	17.4	PASS
3	50mΩMax	28.9	14.2	16.8	PASS
4	50mΩMax	24.6	14.3	16.4	PASS
5	50mΩMax	24.8	15.8	17.0	PASS
6	50mΩMax	25.6	16.4	17.5	PASS
7	50mΩMax	24.3	17.0	18.2	PASS
8	50mΩMax	23.8	14.8	16.7	PASS

審核：　Allen 10/30'07　　制表：　10/30'07

QMFZ2 Component - Plastics

Friday, October 24, 2003

E43392

DSM ENGINEERING PLASTICS INC
2267 W MILL RD PO BOX 3333 EVANSVILLE IN 47732

Material Designation: **TS250F6D**

Product Description: Polyamide 4/6 (PA4/6), glass reinforced, flame retardant, designated "Stanyl" furnished as pellets.

Color	Min. Thick. (mm)	Flame Class	HWI	HAI	RTI Elec	RTI Imp	RTI Str	IEC GWIT	IEC GWFI
ALL	0.67	V-0	-	-	140	110	120	-	-
	0.75	V-0	0	0	140	110	120	-	-
	1.5	V-0	0	0	140	110	125	-	-
	3.0	V-0	0	0	140	110	130	-	-

CTI: 3 **IEC CTI:** - **HVTR:** 1 **D495:** 6 **IEC Ball Pressure** (°C): -

Dielectric Strength (kV/mm): 13
Volume Resistivity (10^x ohm-cm): 12
Dimensional Stability(%): 0
ISO Tensile Strength (MPa): -
ISO Flexural Strength (MPa): -
ISO Heat Deflection (°C): -
ISO Tensile Impact (kJ/m^2): -
ISO Izod Impact (kJ/m^2): -
ISO Charpy Impact (kJ/m^2): -

Report Date: 12/16/1996

UL94 small-scale test data does not pertain to building materials, furnishings and related contents. UL 94 small-scale test data is intended solely for determining the flammability of plastic materials used in components and parts of end-product devices and appliances, where the acceptability of the combination is determined by ULI.