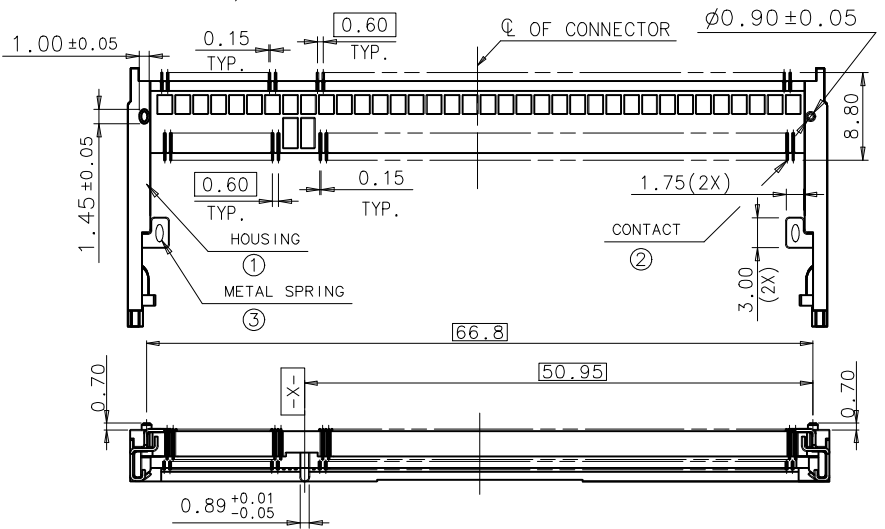
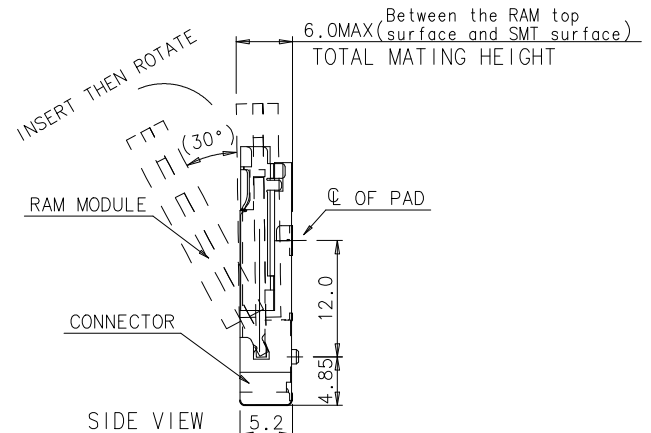
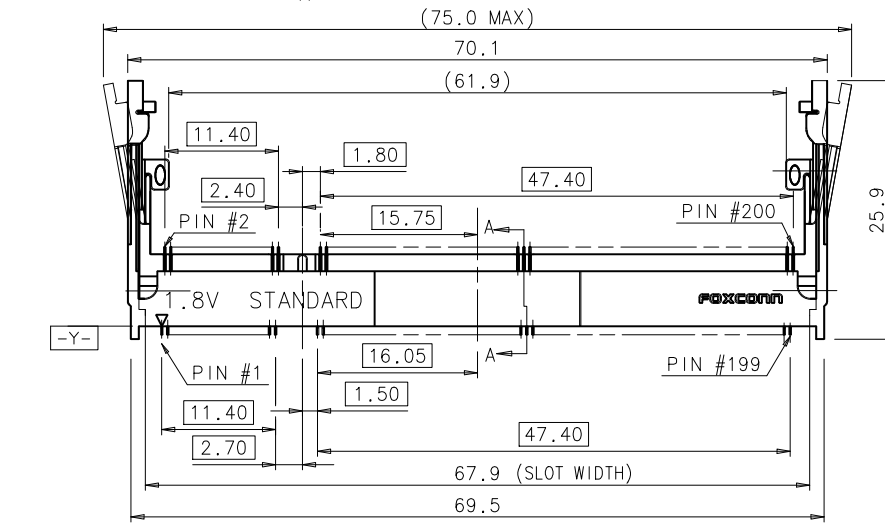


IDEAS GENERATED DRAWING, DO NOT CHANGE BY HAND

REV.	ECN.	NO.	APPD.
A	HC-05-1309		H.J.Yu



- NOTES:
- ELECTRICAL CHARACTERISTICS:
 - CONTACT CURRENT RATING: 0.5 AMPERE MAX. PER PIN
 - VOLTAGE RATING: 25 VAC
 - INSULATION RESISTANCE: 100 MEGAOHMS MIN. AT 500 VDC.
 - DIELECTRIC WITHSTANDING VOLTAGE: 250 VAC RMS AT 60HZ, FOR 1 MINUTE
 - CONTACT RESISTANCE: 50 MILLIOHMS MAX. PER PIN INITIAL
60 MILLIOHMS MAX. PER PIN AFTER FULL ENVIRONMENTAL TESTING
 - MECHANICAL CHARACTERISTICS:
 - DURABILITY: 25 MATING CYCLES
 - OPERATION TEMPERATURE: -55° TO +85°.



PART NO. DESCRIPTION: A S O A4 2 * - N 2 S * - * *

MEMORY MODULE SOCKET
 HORIZONTAL TYPE
 SINGLE ROW
 NO. OF POS.
 A4 = 200 POS.
 SMT

CONTACT AREA PLATING
 6=10u* MIN. GOLD PLATING
 1=GOLD FLASH

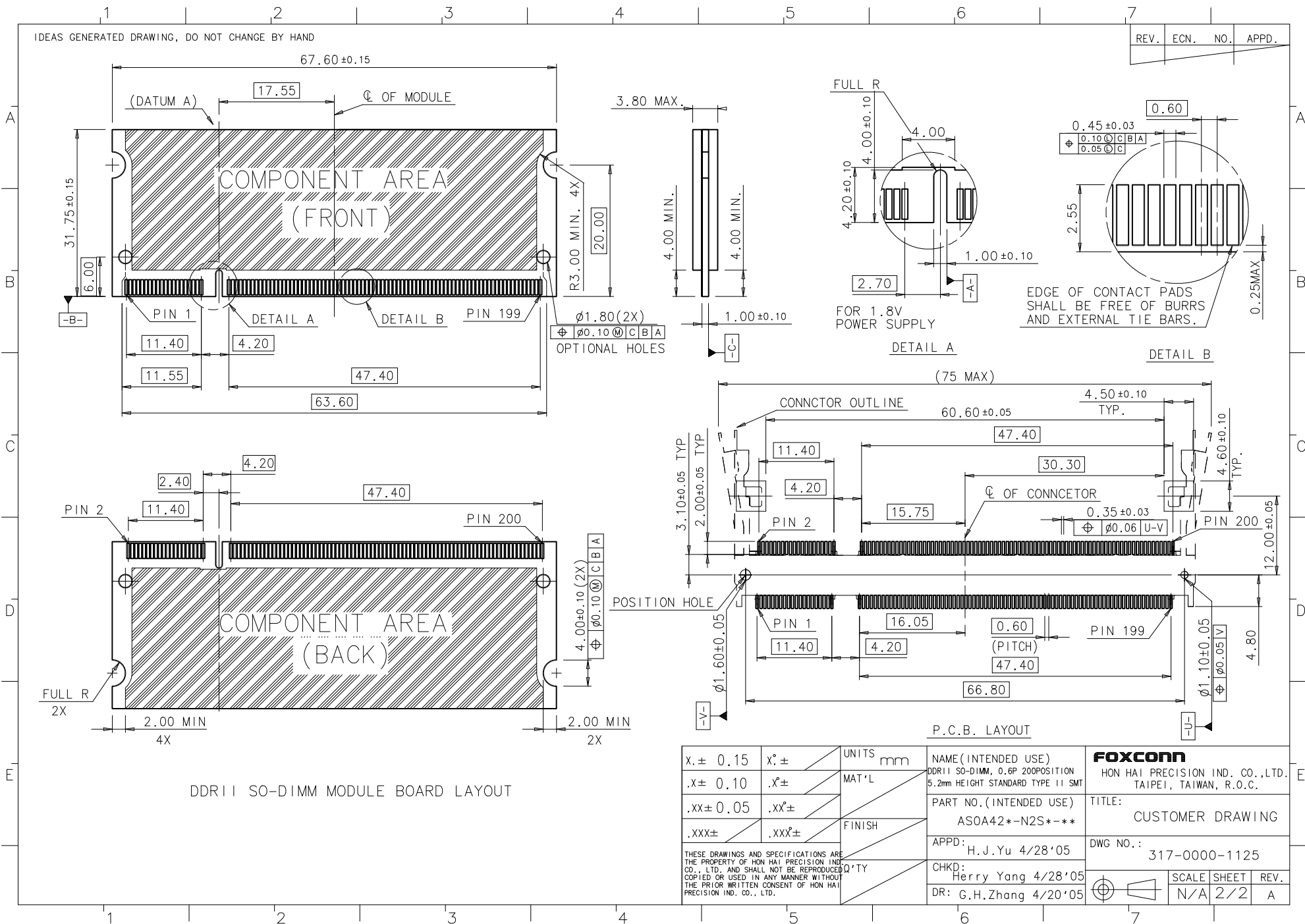
N=TIN/LEAD
 F=LEAD FREE
 1=HARD TRAY
 4=SOFT TRAY
 7=TAPE REEL
 N=GENERAL TYPE
 B=BLACK
 S=STANDARD
 2=5.2mm HEIGHT
 TYPE II DDR II SO DIMM

ITEM	DESCRIPTION	Q'TY	MATERIAL	TREATMENT
③	METAL SPRING	2	COPPER ALLOY	30u* (0.762um)MIN.TIN OR 100u* (2.54um)MIN.TIN/LEAD PLATING OVER ALL
②	CONTACT	200	COPPER ALLOY	50u*(1.27um)MIN. NICKEL UNDER PLATING GOLD FLASH PLATING AT TAIL 10u* (0.254um)MIN.(OR GOLD FLASH)GOLD PLATING AT CONTACT AREA
①	HOUSING	1	THERMOPLASTIC	UL94V-0, IVORY COLOR; BLACK COLOR

UNIT	DESCRIPTION	UNIT	DESCRIPTION	UNIT	DESCRIPTION
x.± 0.30	x°±	mm	NAME (INTENDED USE)	FOXCONN	
.x± 0.25	.x°±	MAT'L	DDR II SO-DIMM, 0.6P 200POSITION	HON HAI PRECISION IND. CO.,LTD.	
.xx± 0.15	.xx°±	FINISH	5.2mm HEIGHT STANDARD TYPE II SMT	TAIPEI, TAIWAN, R.O.C.	
.xxx±	.xxx°±	Q'TY	PART NO. (INTENDED USE)	TITLE:	
THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF HON HAI PRECISION IND. CO., LTD. AND SHALL NOT BE REPRODUCED, COPIED OR USED IN ANY MANNER WITHOUT THE PRIOR WRITTEN CONSENT OF HON HAI PRECISION IND. CO., LTD.			ASOA42*-N2S*--*	CUSTOMER DRAWING	
			APPD: H.J.Yu 4/28'05	DWG NO.:	
			CHKD: Herry Yang 4/28'05	317-0000-1125	
			DR: G.H.Zhang 4/20'05	SCALE	SHEET
				N/A	1/2
				REV.	A

IDEAS GENERATED DRAWING, DO NOT CHANGE BY HAND

REV.	ECN.	NO.	APPD.
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DDR II SO-DIMM MODULE BOARD LAYOUT

$x. \pm 0.15$	$x^\circ \pm$	UNITS	mm	NAME (INTENDED USE) DDR II SO-DIMM, 0.6P 200POSITION 5.2mm HEIGHT STANDARD TYPE II SMT	FOXCONN HON HAI PRECISION IND. CO., LTD. TAIPEI, TAIWAN, R.O.C.
$.x \pm 0.10$	$.x^\circ \pm$	MAT'L			
$.xx \pm 0.05$	$.xx^\circ \pm$	FINISH		PART NO. (INTENDED USE) AS0A42*-N2S*-**	TITLE: CUSTOMER DRAWING
$.xxx \pm$	$.xxx^\circ \pm$			APPD: H.J.Yu 4/28'05	DWG NO.: 317-0000-1125
THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF HON HAI PRECISION IND. CO., LTD. AND SHALL NOT BE REPRODUCED, COPIED OR USED IN ANY MANNER WITHOUT THE PRIOR WRITTEN CONSENT OF HON HAI PRECISION IND. CO., LTD.				CHKD: Herry Yang 4/28'05	SCALE SHEET REV. N/A 2/2 A
				DR: G.H.Zhang 4/20'05	

富士康(昆山)電腦接插件有限公司

Foxconn (Kun Shan) Computer Connector Co.,Ltd

實驗室檢測報告

Laboratory Test Report

報告日期 DATE :05/05/2004

產品名稱 :DDR

Part Name

料號 :AS0A426-N2SN/N2RN-*F

Part No.

申請單位 :NB RD3 ME1

Applicant

報告類別 : 信賴性 精密量測 其它測試

Report Type : Qualification Precision Measure Other Test

接收日期 :03/29/2004

Receive Date

檢測日期 :03/29/2004

Test Date

檢測人員 :樑 超

Tested by : Given Liang

審核人員 :

Checked by

M.H.Xu May.05,04

核准

Approved by

FOXCONN

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說明

ILLUSTRATION

1. 樣品標識與檢測報告編號一致。
Specimen mark is the same as Testing No.
2. 本報告僅對樣品有效,未經許可,不得部分复制。
The report only valid & responsible for specimen.
Copy or using separately are prohibited without permission.
3. 本報告共 9 頁,分離使用無效。
The report contains 7 page(s) , invalid when used separately.

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1.SCOPE

1.1 APPLICANT:MNKB64

1.2 TESTED SAMPLES :32PCS

1.3 PURPOSE

This qualification test report contains the quality requirements, test procedures and test results of a qualification test program on the FOXCONN'S CONNECTOR

AS0A42*-N2SN/N2RN-*F.

2.APPLICABLE DOCUMENTS

EIA-364	EIA STANDARD
MIL-STD-202	"Test Methods for Electronic and Electrical Component Parts." U.S. Military Standard
	Product specification(EWA-SA0-003)(REV. B)

3.TEST SEQUENCE

3.1 TEST CONDITIONS

Unless otherwise specified, tests and examinations are conducted under conditions within the following ranges:

Temperature:15°C-35°C

Atmospheric pressure: 650 to 800 millimeters (25.6 to 31.5 inches) of Mercury

Relative Humidity: 20% to 80%

3.2 QUALIFICATION TEST SEQUENCE

ITEM	TEST DESCRIPTION	TEST SEQUENCE								TEST METHOD
		A	B	C	D	F	G	H	I	
1	EXAMINATION OF PRODUCT	1,8	1,7	1,5	1,5	1	1,3	1,3	1,3	4-1
2	LOW LEVEL CONTACT RESISTANCE	2,4,7	2,4	2,4	2,4					4-2
3	INSULATION RESISTANCE		5							4-3
4	DIELECTRIC WITHSTANDING VOLTAGE		6							4-4
5	CONTACT RETENTION					2				4-5
6	DURABILITY	3								4-6
7	VIBRATION	5								4-7
8	MECHANICAL SHOCK	6								4-8
9	HUMIDITY-TEMPERATURE CYCLING		3							4-9
10	TEMPERATURE LIFE			3						4-10
11	THERMAL SHOCK				3					4-11
12	NORMAL FORCE					3				4-12
13	POROSITY					4				4-13
14	TEMPERATURE RISE						2			4-14
15	RESISTANCE TO SOLDER HEAT							2		4-15
16	SOLDERABILITY								2	4-16
SAMPLES SIZE PER TEST GROUP		4	4	4	4	3	3	3	3	/

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4. TEST METHOD OF INSPECTION

4-1 EXAMINATION OF PRODUCT

The test is performed in accordance with EIA-364-18. The test samples shall be free from defects such as damage, creep, deformation, blister and burrs that are detrimental to the functions and appearances of test samples.

4-2 LOW LEVEL CONTACT RESISTANCE

The test is performed in accordance with EIA-364-23. Open circuit voltage shall not exceed 20mV while test current of 100 mA is applied.

4-3 INSULATION RESISTANCE

Insulation resistance is measured between adjacent contacts after applying 500VDC for 2 minute. The test is performed in accordance with EIA-364-21. Minimum insulation resistance requirement is 2 megohm for test samples.

4-4 DIELECTRIC WITHSTANDING VOLTAGE

A 250 VAC is applied between two adjacent contacts of the test samples for 60 seconds, when applying the voltage, the leakage current is monitored and shall be less than 0.5 mA. The test is performed in accordance with EIA-364-20.

4-5 CONTACT RETENTION:

Sample size: 25 contacts per connector. The test is performed in accordance with EIA 364-29.

4-6 DURABILITY

The test is performed in accordance with EIA-364-09A. Test samples are subjected to fully mating and unmating for a predetermined number of cycles. Upon completion of the test, specified electrical and/or mechanical test item(s) shall be performed and results shall pass respective specification.

4-7 VIBRATION

The test is performed in accordance with EIA 364-28D, table 1, test condition I.. Mated samples are subjected to vibration test per axis. Test duration for each axis is 2 hours (total of 6 hours). The test current is 100 mA for all contacts, which are wired in series and attached to an electrical discontinuity monitor. Throughout the test, electrical discontinuity of 1 microsecond or longer shall not be allowed.

4-8 MECHANICAL SHOCK

The test is performed in accordance with MIL-STD-202F, test condition 213B.. The mated connectors are subjected to 6 shock per axis complied with half-sine waveform (total of 18 shocks) which has a 50g, peak level and a normal duration of 11 milliseconds. The test current of 100 mA is applied for all contacts which are wired in series and attached to an electrical discontinuity monitor. Throughout the test, electrical discontinuity of 1 microsecond or longer shall not be allowed.

4-9 HUMIDITY-TEMPERATURE CYCLING

The test is performed in accordance with EIA-364-31, method 3. The test samples are exposed to 25°C-65°C temperature, 80-100% (RH) humidity for 10 cycles, total 240 hours.

4-10 TEMPERATURE LIFE

The test is performed in accordance with EIA-364-17, Subject mated connectors to temperature life 105 °C for 500 hours.

4-11 THERMAL SHOCK

The test is performed in accordance with EIA-364-31. Mated connector were subject to 5 thermal shock cycles. During each cycle temperature was varied from -55°C to 85 °C for a duration of 30 minutes at each limit, and the transition time was 5 minutes Maximum between extreme temperature.

4-12 NORMAL FORCE

Measure normal force using nominal thickness DDR SODIMM module. The test is performed in accordance with EIA -364-04, Test Procedure 4.

4-13 POROSITY

The defects of plating surface of contact were examined by porosity test which was performed in accordance with EIA-364-60. Upon completion of the test, the average corrosion count shall not exceed 1.0.

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4-14 TEMPERATURE RISE

0.3 Amps current will be applied for all contacts that wired in series for 3 hours. the method complies with EIA-364-70

4-15 RESISTANCE TO SOLDER HEAT

Ramp temperature at rate of 1°C per sec. To 3°C per sec. to 145°C for two minutes, then ramp to 225°C for 40 sec. The test is performed in accordance with EIA-364-56, Procedure 5

4-16 SOLDERABILITY

The fused solder temperature shall be $245 \pm 5^\circ\text{C}$. The dipping time shall be 5 ± 0.5 seconds.

The test is performed in accordance with EIA-364-52, Class 2, Category 3

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5.THE SUMMARY OF THE TEST RESULTS

GROUP "A"

TEST DESCRIPTION	REQUIREMENT	RESULT			RATE
1. EXAMINATION OF PRODUCT	All components shall be properly assembled and free of burrs, warpages, scratches, broken chips, and others abnormalities.	Pass the specified requirement			Pass
2.LOW LEVEL CONTACT RESISTANCE	50m Ω maximum	MAX	MIN	AVG	Pass
		40.15	30.32	35.05	
		Unit: m Ω			
3.DURABILITY	After 25 cycles of durability test the samples shall pass the requirements of the following test items	See the following items			
4.LOW LEVEL CONTACT RESISTANCE	60m Ω maximum	MAX	MIN	AVG	Pass
		36.06	29.76	32.77	
		Unit: m Ω			
5. VIBRATION	No electrical discontinuity greater than 1 microsecond during the test. No physical damage.	Pass the specified requirement			Pass
6.MECHANICAL SHOCK	No electrical discontinuity greater than 1 microsecond during the test. No physical damage.	Pass the specified requirement			Pass
7.LOW LEVEL CONTACT RESISTANCE	60m Ω maximum	MAX	MIN	AVG	Pass
		37.93	30.74	33.60	
		Unit: m Ω			
8.EXAMINATION OF PRODUCT	All components shall be properly assembled and free of burrs, warpages, scratches, broken chips, and others abnormalities.	Pass the specified requirement			Pass



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GROUP "B"

TEST DESCRIPTION	REQUIREMENT	RESULT			RATE
1.EXAMINATION OF PRODUCT	All components shall be properly assembled and free of burrs, warpages , scratches, broken chips, and others abnormalities.	Pass the specified requirement			Pass
2.LOW LEVEL CONTACT RESISTANCE	50m Ω maximum	MAX	MIN	AVG	Pass
		39.56	30.90	34.98	
		Unit: m Ω			
3.HUMIDITY-TEMPERATURE CYCLING	Upon completion of the test, there shall be no physical damage to the samples and the samples shall pass the requirements of following test items.	See the following test items			
4.LOW LEVEL CONTACT RESISTANCE	60m Ω maximum	MAX	MIN	AVG	Pass
		39.57	29.83	33.59	
		Unit: m Ω			
5.INSULATION RESISTANCE	100M Ω minimum	Exceed the specified requirement			Pass
6.DIELECTRIC WITHSTANDING VOLTAGE	No evidence of breakdown or flash burn. No burn caused by short circuit. No insulation destruction. Current leakage: 0.5 mA Max	Pass the specified requirement			Pass
7.EXAMINATION OF PRODUCT	All components shall be properly assembled and free of burrs, warpages , scratches, broken chips, and others abnormalities.	Pass the specified requirement			Pass

GROUP "C"

TEST DESCRIPTION	REQUIREMENT	RESULT			RATE
1.EXAMINATION OF PRODUCT	All components shall be properly assembled and free of burrs, warpages , scratches, broken chips, and others abnormalities.	Pass the specified requirement			Pass
2.LOW LEVEL CONTACT RESISTANCE	50m Ω maximum	MAX	MIN	AVG	Pass
		37.22	31.06	34.14	
		Unit: m Ω			
3.TEMPERATURE LIFE	Upon completion of the test, there shall be no physical damage to the samples and the samples shall pass the requirements of following test items.	See the following test items			
4.LOW LEVEL CONTACT RESISTANCE	60m Ω maximum	MAX	MIN	AVG	Pass
		37.93	29.10	32.93	
		Unit: m Ω			
6.EXAMINATION OF PRODUCT	All components shall be properly assembled and free of burrs, warpages , scratches, broken chips, and others abnormalities.	Pass the specified requirement			Pass

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GROUP "D"

TEST DESCRIPTION	REQUIREMENT	RESULT			RATE
1.EXAMINATION OF PRODUCT	All components shall be properly assembled and free of burrs, warpages , scratches, broken chips, and others abnormalities.	Pass the specified requirement			Pass
2.LOW LEVEL CONTACT RESISTANCE	50mΩ maximum	MAX	MIN	AVG	Pass
		38.73	30.57	33.75	
		Unit: mΩ			
3.THERMAL SHOCK	Upon completion of the test, there shall be no physical damage to the samples and the samples shall pass the requirements of following test items.	See the following test items			
4.LOW LEVEL CONTACT RESISTANCE	60mΩ maximum	MAX	MIN	AVG	Pass
		39.37	29.69	33.41	
		Unit: mΩ			
5.EXAMINATION OF PRODUCT	All components shall be properly assembled and free of burrs, warpages , scratches, broken chips, and others abnormalities.	Pass the specified requirement			Pass

GROUP "F"

TEST DESCRIPTION	REQUIREMENT	RESULT			RATE
1.EXAMINATION OF PRODUCT	All components shall be properly assembled and free of burrs, warpages , scratches, broken chips, and others abnormalities.	Pass the specified requirement			Pass
2. CONTACT RETENTION	1. 150g per contact (min.) 2. No permanent damage on contact 3. Max. allowable displacement = 0.38 mm	Contact Retention			Pass
		Max.	Min.	Avg.	
		448	261	358	
		Unit: gf			
3. NORMAL FORCE	Contact is compressed to appointed distance of 0.25mm, then record the force data. Measure 5 contacts per connector.	NORMAL FORCE			
		Max.	Min	Avg.	
		79	74	75	
		Unit: gf			
4. POROSITY	The average corrosin count shall not exceed 1.0.	Pass the specified requirement			Pass

GROUP "G"

TEST DESCRIPTION	REQUIREMENT	RESULT			RATE
1.EXAMINATION OF PRODUCT	All components shall be properly assembled and free of burrs, warpages , scratches, broken chips, and others abnormalities.	Pass the specified requirement			Pass
2. TEMPERATURE RISE	0.3 ampere per contact. 30oC rise max. above ambient.	△1	△2	△3	Pass
		17°C	15°C	15°C	
3.EXAMINATION OF PRODUCT	All components shall be properly assembled and free of burrs, warpages , scratches, broken chips, and others abnormalities.	Pass the specified requirement			Pass

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GROUP "H"

TEST DESCRIPTION	REQUIREMENT	RESULT	RATE
1.EXAMINATION OF PRODUCT	All components shall be properly assembled and free of burrs, warpages , scratches, broken chips, and others abnormalities.	Pass the specified requirement	Pass
2. RESISTANCE TO SOLDER HEAT	After the test,the samples shall pass the requirement of the following test items.	Pass the specified requirement	Pass
3.EXAMINATION OF PRODUCT	All components shall be properly assembled and free of burrs, warpages , scratches, broken chips, and others abnormalities.	Pass the specified requirement	Pass

GROUP "I"

TEST DESCRIPTION	REQUIREMENT	RESULT	RATE
1.EXAMINATION OF PRODUCT	All components shall be properly assembled and free of burrs, warpages , scratches, broken chips, and others abnormalities.	Pass the specified requirement	Pass
2. SOLDERABILITY	1.95% coverage. 2.Sample size: 10 contacts per connector. 3.Finish shall be free of contaminants.	Pass the specified requirement	Pass
3.EXAMINATION OF PRODUCT	All components shall be properly assembled and free of burrs, warpages , scratches, broken chips, and others abnormalities.	Pass the specified requirement	Pass

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鴻海精密工業股份有限公司

HON HAI PRECISION IND. CO., LTD.

包裝作業規範

PACKAGING SPECIFICATION

環保要求
符合 EPI12 規定

規範編號 SPEC. No.	EWA-PAS-001			PAGE	1/8	REV.	L	
適用客戶 APPLICABLE CUSTOMER	一 般		適用產品 APPLICABLE PRODUCT	DDR SO DIMM SERIES			包裝類別 PACKAGING CATEGORY	TRAY

修訂履歷 REVISION HISTORY

ECN No.	頁 次 PAGE										
	REV.	1	2	3	4	5	6	7	8		
A	BC0200254	BC0200254	BC0200254								
B	BC0201220	BC0201220	BC0201220								
C	BC0254028	BC0254028	BC0254028								
D	BC0330569	BC0330569	BC0330569								
E	BC0331390	BC0331390	BC0331390								
F	BC-03-39778	BC-03-39778	BC-03-39778								
G	BC-04-404983	BC-04-404983	BC-04-404983	BC-04-404983							
H	BC-04-410132	BC-04-410132	BC-04-410132	BC-04-410132	BC-04-410132	BC-04-410132					
J	BC-05-401361	BC-05-401361	BC-05-401361	BC-05-401361	BC-05-401361	BC-05-401361					
K	BC-05-404482	BC-05-404482	BC-05-404482	BC-05-404482	BC-05-404482	BC-05-404482	BC-05-404482				
L	BC-05-405764	BC-05-405764	BC-05-405764	BC-05-405764	BC-05-405764	BC-05-405764	BC-05-405764	BC-05-405764			

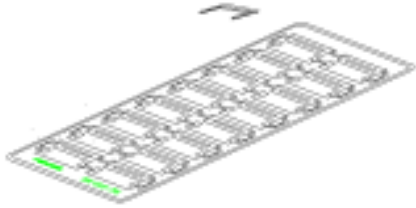
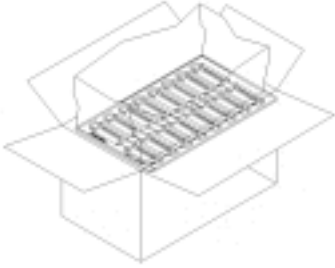
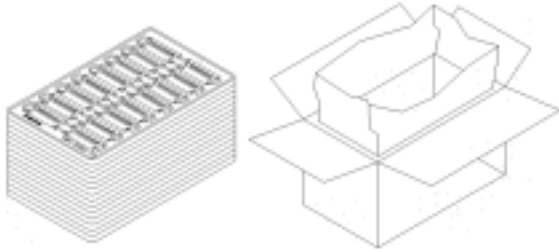
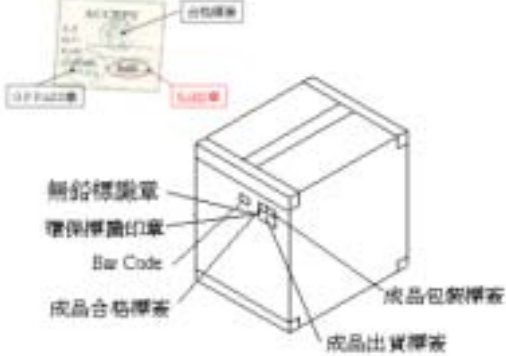
事業單位 DIVISION	NWInG NB 產品事業處	核 定 APPROVED	Paul Huang 7/7'05	審 核 CHECKED	Herry Yang 7/6'05	製 表 PREPARED	J.K.Zhu 6/27/05
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鴻海精密工業股份有限公司

HON HAI PRECISION IND. CO., LTD.

包裝作業規範

PACKAGING SPECIFICATION

規範編號 (SPEC. No.)	EWA-PAS-001	PAGE	2/8	REV.	L
包裝作業圖示及說明 (PACKING OPERATION DIAGRAM & INSTRUCTION)		備註 (REMARK)			
<p>一.</p> <p>1) 將成品放入包裝盤槽中。</p> 	<p>三.</p> <p>1) 折好防水袋再放入舒服多1 pc.</p> 	<p>1. 標籤的張貼位置及標籤填寫注意事項，參照生產管理作業標準；外裝瓦楞紙箱及標籤應用管理辦法(文件編號；P103- P01)</p> <p>2. 有關紙箱封箱作業詳見文件；ESH-KKG-003</p> <p>3. 裝滿成品後之外箱最大堆積箱數；6箱</p> <p>4. 外箱蓋”G. P. PASS”印章于合格標籤左下角，ROHS印章于合格標籤右下角（適用於無鉛料號章）；（有Bar Code時，Bar Code貼在成品包裝標籤和檢驗合格標籤下面）。</p>			
<p>二. 1) 外箱之底部先以膠帶封好，箱底及四壁各放一片舒服多，再放入防水袋</p> <p>2) 一箱裝滿成品，上覆一空盤，每盤方向皆同向。</p> 	<p>四. 1) 蓋上箱蓋 2) 封TAPE</p> <p>3) 在外箱側貼上成品包裝標籤，成品檢驗合格標籤，及成品出貨標籤，蓋”G. P. PASS”印章，ROHS章（適用於無鉛料號章）。若客戶需要，還要加貼 Bar Code.</p> 				

鴻海精密工業股份有限公司

HON HAI PRECISION IND. CO., LTD.

包裝作業規範

PACKAGING SPECIFICATION

規範編號 (SPEC. No.)		EWA-PAS-001				PAGE	3/8	REV.	L		
包裝材料 (PACKING MATERIAL)				產品型號 (PRODUCT No.)	包裝容量 (PACKING CAPACITY)			重量 WEIGHT (Kg)			
材料名稱 (NAME)	料號(PART No.)	N.W.(Kg)	Q'TY		PCS/ 盤	盤 / 箱	PCS/BOX	N.W./PCS	N.W./BOX	G.W./BOX	
外 箱	080-0142-320	0.63	1	AS0A42* -B2S	16	35+1=36	560	0.0044	2.464	5.6	
TRAY	085-0001-383	0.0622	36	AS0A42* -B2R	16	35+1=36	560	0.0044	2.464	5.6	
舒服多	080-0027-005	0.040	2	AS0A42* -L2SB	16	35+1=36	560	0.0044	2.464	5.6	
舒服多	080-0028-005	0.028	2	AS0A42* -L2RB	16	35+1=36	560	0.0044	2.464	5.6	
舒服多	080-0029-005	0.025	2	AS0A42* -L2S	16	35+1=36	560	0.0044	2.464	5.6	
防水袋	080-0009-038	0.08	1	AS0A42* -L2R	16	35+1=36	560	0.0044	2.464	5.6	
成品包裝標籤	080-1011-319		1	AS0A42* -L2S-C	16	35+1=36	560	0.0044	2.464	5.6	
標 籤	080-0001-554		1	AS0A42* -L2R-C	16	35+1=36	560	0.0044	2.464	5.6	
				AS0A42* -M2SN-4*	16	35+1=36	560	0.0044	2.464	5.6	
				AS0A42* -M2RN-4*	16	35+1=36	560	0.0044	2.464	5.6	
				AS0A42* -L2SN-4*	16	35+1=36	560	0.0044	2.464	5.6	
				AS0A42* -L2RN-4*	16	35+1=36	560	0.0044	2.464	5.6	
				AS0A42* -E2SN-4*	16	35+1=36	560	0.0044	2.464	5.6	
				AS0A42* -E2RN-4*	16	35+1=36	560	0.0044	2.464	5.6	
				AS0A42* -E2S	16	35+1=36	560	0.0044	2.464	5.6	
				AS0A42* -E2R	16	35+1=36	560	0.0044	2.464	5.6	
				AS0A42* -M2S	16	35+1=36	560	0.0044	2.464	5.6	
				AS0A42* -M2R	16	35+1=36	560	0.0044	2.464	5.6	

備註 REMARK:

1)P/N; 080-0027-005 (L x W x T = 390 X 280 X 15)
 2)P/N: 080-0028-005 (L x W x T = 390 X 245 X 15)
 3)P/N: 080-0029-005 (L x W x T = 280 X 219 X 20)

鴻海精密工業股份有限公司

HON HAI PRECISION IND. CO., LTD.

包裝作業規範

PACKAGING SPECIFICATION

規範編號 (SPEC. No.)		EWA-PAS-001					PAGE	5/8	REV.	L
包裝材料 (PACKING MATERIAL)				產品型號 (PRODUCT No.)	包裝容量 (PACKING CAPACITY)			重量 WEIGHT (Kg)		
材料名稱 (NAME)	料號(PART No.)	N.W.(Kg)	Q'TY		PCS/ 盤	盤 / 箱	PCS/BOX	N.W./PCS	N.W./BOX	G.W./BOX
外箱	080-0142-320	0.63	1	AS0A42*-B4S	16	35+1=36	560	0.0034	1.904	5.04
TRAY	085-0001-383	0.0622	36	AS0A42*-B4R	16	35+1=36	560	0.0034	1.904	5.04
舒服多	080-0027-005	0.040	2	AS0A42*-M4SN-4*	16	35+1=36	560	0.0034	1.904	5.04
舒服多	080-0028-005	0.028	2	AS0A42*-M4RN-4*	16	35+1=36	560	0.0034	1.904	5.04
舒服多	080-0029-005	0.025	2	AS0A42*-B4SN-4*	16	35+1=36	560	0.0034	1.904	5.04
防水袋	080-0009-038	0.08	1	AS0A42*-B4RN-4*	16	35+1=36	560	0.0034	1.904	5.04
成品包裝標籤	080-1011-319		1	AS0A42*-M4S	16	35+1=36	560	0.0034	1.904	5.04
標籤	080-0001-554		1	AS0A42*-M4R	16	35+1=36	560	0.0034	1.904	5.04
				J→AS0A42*-B3S*-4*	16	35+1=36	560	0.0034	1.904	5.04
				J→AS0A42*-B3R*-4*	16	35+1=36	560	0.0034	1.904	5.04
				J→AS0A42*-M3S*-4*	16	35+1=36	560	0.0034	1.904	5.04
				J→AS0A42*-M3R*-4*	16	35+1=36	560	0.0034	1.904	5.04
				J→AS0A42*-E4RN-4*	16	35+1=36	560	0.0034	1.904	5.04
				J→AS0A42*-E4SN-4*	16	35+1=36	560	0.0034	1.904	5.04
				J→AS0A42*-N4SN-4*	16	35+1=36	560	0.0034	1.904	5.04
				J→AS0A42*-N4RN-4*	16	35+1=36	560	0.0034	1.904	5.04

備註 REMARK:

- 1)P/N: 080-0027-005 (L x W x T = 390 X 280 X 15)
- 2)P/N: 080-0028-005 (L x W x T = 390 X 245 X 15)
- 3)P/N: 080-0029-005 (L x W x T = 280 X 219 X 20)

鴻海精密工業股份有限公司

HON HAI PRECISION IND. CO., LTD.

包裝作業規範

PACKAGING SPECIFICATION

規範編號 (SPEC. No.)		EWA-PAS-001					PAGE	6/8	REV.	L
包裝材料 (PACKING MATERIAL)				產品型號 (PRODUCT No.)	包裝容量 (PACKING CAPACITY)			重量 WEIGHT (Kg)		
材料名稱 (NAME)	料號(PART No.)	N.W. (Kg)	Q'TY		PCS/ 盤	盤 / 箱	PCS/BOX	N.W./PCS	N.W./BOX	G.W./BOX
外箱	080-0142-320	0.63	1	AS0A42*-B6S	16	30+1=31	480	0.00543	2.61	5.43
TRAY	085-0001-383	0.0622	31	AS0A42*-B6R	16	30+1=31	480	0.00543	2.61	5.43
舒服多	080-0027-005	0.040	2	AS0A42*-M6SN-4*	16	30+1=31	480	0.00543	2.61	5.43
舒服多	080-0028-005	0.028	2	AS0A42*-M6RN-4*	16	30+1=31	480	0.00543	2.61	5.43
舒服多	080-0029-005	0.025	2	AS0A42*-B6SN-4*	16	30+1=31	480	0.00543	2.61	5.43
防水袋	080-0009-038	0.08	1	AS0A42*-B6RN-4*	16	30+1=31	480	0.00543	2.61	5.43
成品包裝標籤	080-1011-319		1	AS0A42*-M6S	16	30+1=31	480	0.00543	2.61	5.43
標籤	080-0001-554		1	AS0A42*-M6R	16	30+1=31	480	0.00543	2.61	5.43
				L→AS0A42*-N6SN-4*	16	30+1=31	480	0.00543	2.61	5.43
				L→AS0A42*-N6RN-4*	16	30+1=31	480	0.00543	2.61	5.43
				L→AS0A42*-N6SV-4*	16	30+1=31	480	0.00543	2.61	5.43
				L→AS0A42*-M6RG-4*	16	30+1=31	480	0.00543	2.61	5.43
				L→AS0A42*-N6RG-4*	16	30+1=31	480	0.00543	2.61	5.43
				L→AS0A42*-E6SN-4*	16	30+1=31	480	0.00543	2.61	5.43
				L→AS0A42*-E6RN-4*	16	30+1=31	480	0.00543	2.61	5.43
備註 REMARK:										
1)P/N: 080-0027-005 (L x W x T = 390 X 280 X 15)										
2)P/N: 080-0028-005 (L x W x T = 390 X 245 X 15)										
3)P/N: 080-0029-005 (L x W x T = 280 X 219 X 20)										

鴻海精密工業股份有限公司

HON HAI PRECISION IND. CO., LTD.

包裝作業規範

PACKAGING SPECIFICATION

規範編號 (SPEC. No.)		EWA-PAS-001				PAGE	7/8	REV.	L	
包裝材料 (PACKING MATERIAL)				產品型號 (PRODUCT No.)	包裝容量 (PACKING CAPACITY)			重量 WEIGHT (Kg)		
材料名稱 (NAME)	料號(PART No.)	N.W. (Kg)	Q'TY		PCS/ 盤	盤 / 箱	PCS/BOX	N.W./PCS	N.W./BOX	G.W./BOX
外 箱	080-0142-320	0.63	1	AS0A42* -BAS	16	H→23+1=24	368	0.0068	2.502	4.89
TRAY	085-0001-696	0.067	24	AS0A42* -BAR	16	H→23+1=24	368	0.0068	2.502	4.89
舒服多	080-0027-005	0.040	2	AS0A42* -BASN-4*	16	H→23+1=24	368	0.0068	2.502	4.89
舒服多	080-0028-005	0.028	2	AS0A42* -BARN-4*	16	H→23+1=24	368	0.0068	2.502	4.89
舒服多	080-0029-005	0.025	2	AS0A42* -MASN-4*	16	H→23+1=24	368	0.0068	2.502	4.89
防水袋	080-0009-038	0.08	1	AS0A42* -MARN-4*	16	H→23+1=24	368	0.0068	2.502	4.89
成品包裝標籤	080-1011-319		1	AS0A42* -MAS	16	23+1=24	368	0.0068	2.502	4.89
標 籤	080-0001-554		1	AS0A42* -MAR	16	23+1=24	368	0.0068	2.502	4.89
				AS0A42* -BASH-4*	16	23+1=24	368	0.0068	2.502	4.89
				AS0A42* -BARH-4*	16	23+1=24	368	0.0068	2.502	4.89

備註 REMARK:

- 1)P/N; 080-0027-005 (L x W x T = 390 X 280 X 15)
- 2)P/N; 080-0028-005 (L x W x T = 390 X 245 X 15)
- 3)P/N; 080-0029-005 (L x W x T = 280 X 219 X 20)

鴻海精密工業股份有限公司

HON HAI PRECISION IND. CO., LTD.

包裝作業規範

PACKAGING SPECIFICATION

規範編號 (SPEC. No.)		EWA-PAS-001				PAGE	8/8	REV.	L	
包裝材料 (PACKING MATERIAL)				產品型號 (PRODUCT No.)	包裝容量 (PACKING CAPACITY)			重量 WEIGHT (Kg)		
材料名稱 (NAME)	料號(PART No.)	N.W. (Kg)	Q'TY		PCS/ 盤	盤 / 箱	PCS/BOX	N.W./PCS	N.W./BOX	G.W./BOX
外 箱	080-0142-320	0.63	1	L→AS0A42*-EARN-4*	16	H→23+1=24	368	0.0068	2.502	4.89
TRAY	085-0001-696	0.067	24	L→AS0A42*-EASN-4*	16	H→23+1=24	368	0.0068	2.502	4.89
舒服多	080-0027-005	0.040	2	L→AS0A42*-EARH-4*	16	H→23+1=24	368	0.0068	2.502	4.89
舒服多	080-0028-005	0.028	2	L→AS0A42*-EASH-4*	16	H→23+1=24	368	0.0068	2.502	4.89
舒服多	080-0029-005	0.025	2	L→AS0A42*-NARN-4*	16	H→23+1=24	368	0.0068	2.502	4.89
防水袋	080-0009-038	0.08	1	L→AS0A42*-NASN-4*	16	H→23+1=24	368	0.0068	2.502	4.89
成品包裝標籤	080-1011-319		1	L→AS0A42*-NARG-4*	16	23+1=24	368	0.0068	2.502	4.89
標 籤	080-0001-554		1	L→AS0A42*-NASG-4*	16	23+1=24	368	0.0068	2.502	4.89
				L→AS0A42*-NARJ-4*	16	23+1=24	368	0.0068	2.502	4.89
				L→AS0A42*-NASJ-4*	16	23+1=24	368	0.0068	2.502	4.89

備註 REMARK:

- 1)P/N: 080-0027-005 (L x W x T = 390 X 280 X 15)
- 2)P/N: 080-0028-005 (L x W x T = 390 X 245 X 15)
- 3)P/N: 080-0029-005 (L x W x T = 280 X 219 X 20)

DESCRIPTION

PRODUCT COVERED:

Use - Component SIMM, Connectors, Series A, see Nomenclature for specifics.

USR, CNR -Connector, Models ASOA12, AS722, ASA22, AS2A30, **AS0A42** followed by additional alphanumeric characters.

GENERAL:

These devices are multipole connectors employing contacts of the Printed Wiring Board termination type for use in electrical equipment where the acceptability of the combination is determined by Underwriters Laboratories Inc.

ENGINEERING CONSIDERATIONS (NOT FOR FIELD REPRESENTATIVE'S USE):

Use - For use in only complete equipment where the acceptability of the combination is determined by Underwriters Laboratories Inc.

Conditions of Acceptability- In order to be judged acceptable as a component of electrical equipment, the following conditions should be met.

1. These devices should be used only where they will not interrupt the current.
2. These devices have not been tested for current carrying capability.
3. The suitability of the mounting means shall be determined in the end-use.
4. The placement of these devices within the equipment enclosure should be such that spacings between the live parts and the equipment are suitable for the particular application.

Test Report


WAH LEE INDUSTRIAL CORP.
11F, NO. 369, FU-HSING N. ROAD, TAIPEI, TAIWAN,
R. O. C.

Report No. : CE/2005/72016
Date : 2005/07/19
Page : 1 of 4

The following merchandise was (were) submitted and identified by the client as :

Type of Product : LIQUID CRYSTALLINE POLYESTER
Style/Item No : LCP
E6006L&E6007LHFZ&E6807LHFZ&
E6808LHFZ&E6808UHFZ&E6810HFZ
Sample Received : 2005/07/11
Testing Date : 2005/07/11 TO 2005/07/19

=====
Test Result : - Please see the next page -


Daniel Yeh, M.R. / Operation Manager
Signed for and on behalf of
SGS TAIWAN LTD.

Test Report

WAH LEE INDUSTRIAL CORP.
11F, NO. 369, FU-HSING N. ROAD, TAIPEI, TAIWAN,
R. O. C.

Report No. : CE/2005/72016
Date : 2005/07/19
Page : 2 of 4

Test Result

PART NAME NO.1 : IVORY PLASTIC PELLETS (PLEASE REFER TO THE PHOTO ATTACHED)

Test Item (s):	Unit	Method	MDL	Result
				No.1
Monobromobiphenyl	%	With reference to USEPA3540C or USEPA3550C. Analysis was performed by HPLC/DAD, LC/MS or GC/MS. (prohibited by 2002/95/EC (RoHS), 83/264/EEC, and 76/769/EEC)	0.0005	N.D.
Dibromobiphenyl	%		0.0005	N.D.
Tribromobiphenyl	%		0.0005	N.D.
Tetrabromobiphenyl	%		0.0005	N.D.
Pentabromobiphenyl	%		0.0005	N.D.
Hexabromobiphenyl	%		0.0005	N.D.
Heptabromobiphenyl	%		0.0005	N.D.
Octabromobiphenyl	%		0.0005	N.D.
Nonabromobiphenyl	%		0.0005	N.D.
Decabromobiphenyl	%		0.0005	N.D.
Total PBBs(Polybrominated biphenyls)/Sum of above	%		-	N.D.
Monobromobiphenyl ether	%	With reference to USEPA3540C or USEPA3550C. Analysis was performed by HPLC/DAD, LC/MS or GC/MS. (prohibited by 2002/95/EC (RoHS), 83/264/EEC, and 76/769/EEC)	0.0005	N.D.
Dibromobiphenyl ether	%		0.0005	N.D.
Tribromobiphenyl ether	%		0.0005	N.D.
Tetrabromobiphenyl ether	%		0.0005	N.D.
Pentabromobiphenyl ether	%		0.0005	N.D.
Hexabromobiphenyl ether	%		0.0005	N.D.
Heptabromobiphenyl ether	%		0.0005	N.D.
Octabromobiphenyl ether	%		0.0005	N.D.
Nonabromobiphenyl ether	%		0.0005	N.D.
Decabromobiphenyl ether	%		0.0005	N.D.
Total PBBEs(PBDEs)(Polybrominated biphenyl ethers)/Sum of above	%		-	N.D.

Test Report

WAH LEE INDUSTRIAL CORP.
11F, NO. 369, FU-HSING N. ROAD, TAIPEI, TAIWAN,
R. O. C.

Report No. : CE/2005/72016
Date : 2005/07/19
Page : 3 of 4

Test Item (s):	Unit	Method	MDL	Result
				No. 1
Chromium VI (Cr+6)	ppm	UV-VIS after reference to US EPA 3060A.	2	N.D.
Cadmium (Cd)	ppm	ICP-AES after reference to EN 1122, method B:2001 or other acid digestion.	2	N.D.
Mercury (Hg)	ppm	ICP-AES after reference to US EPA 3052 or other acid digestion.	2	N.D.
Lead (Pb)	ppm	ICP-AES after reference to US EPA 3050B or other acid digestion.	2	N.D.

NOTE: (1) N.D. = Not detected (<MDL)
(2) ppm = mg/kg
(3) MDL = Method Detection Limit
(4) " - " = No Regulation

Test Report

WAH LEE INDUSTRIAL CORP.
11F, NO. 369, FU-HSING N. ROAD, TAIPEI, TAIWAN,
R. O. C.

Report No. : CE/2005/72016
Date : 2005/07/19
Page : 4 of 4



制程委託檢驗報告

Test Report for Process

地區 (Area) : KS

料號 (PartNo)	D/C	測試儀器 (Test Equipment)	抽驗批號(LOT NO)
塑膠類 AS0A421-N2SN-4F 013-0003-472	65GMB		BM65130134082

申請單位名稱 (ApplyUnit): NB1品管一課	申請單位代號 (ApplyNo): MBKY15
申請檢驗等級 (TestType): 重金屬檢驗	申請人 (Applier): 付明玉
測試環境條件: 溫度(Temperature) 22 , 濕度(Humidity) 62%	測試編號 (TestNo): 65K-201216
檢驗單位收料日期: 2006/05/19	樣品處置 (Sample_Treatment): 留樣
檢驗人 (Test man): 劉海2006/05/19	檢測機構 (Analysis institution) 華東檢測
檢驗單位審查人 (Checked): 仇桂平/鄭明輝 2006/05/19	報告預計完成日期 (Estimated date of completion): 2006/05/19
檢驗單位主管核定 (Approved): 張金葉 2006/05/19	檢驗合格否 (Pass or not): <input checked="" type="radio"/> 合格 (Pass) <input type="radio"/> 其他 (Other) <input type="radio"/> 不合格 (Fail)
	檢驗完工日期 (FinishDate): 📅

檢驗項目 (Test Item)	檢測流程 (Measurement Flowchart)	測試方法 (Test Method)		管制規格 (Spec)	測試結果 (TestResult)	備註 (Remark)
		預處理方法 (Pre-conditioning method)	檢測方法 (Measurement method)			
1. 鎘 (Cd)	Measurement Flowchart 2	ST3H0103	EPA6010B	<5ppm(塑膠類/Plastics)	塑膠類 AS0A421-N2 SN-4F 013-0003-472 N.D.	Cd: N.D.<2ppm
2. 鉛 (Pb)	Measurement Flowchart 2	ST3H0103	EPA6010B	<50ppm(塑膠類/Plastics)	塑膠類 AS0A421-N2 SN-4F 013-0003-472 N.D.	Pb: N.D.<10ppm
3. 汞 (Hg)	Measurement Flowchart 2	ST3H0103	EPA6010B	N.D.	塑膠類 AS0A421-N2 SN-4F 013-0003-472 N.D.	Hg:N.D.<5ppm
4. 六價鉻 (Cr6+)	Measurement Flowchart 2	ST3H0103	EPA6010B	<30ppm	塑膠類 AS0A421-N2S N-4F 013-0003-472 <17.0ppm	所show數值為總鉻的測試結果.
N/A					ppm	
N/A					ppm	

N/A					ppm	
N/A					ppm	
N/A					ppm	
N/A					ppm	
N/A					ppm	
N/A					ppm	

流程備注(Flowcharts) :

Measurement Flowchart1.

Sampling → Weighting → Precondition: Add appropriate nitric acid and hydrochloric acid ,then chemical reaction happened(in the temperature/ time.....)to dissolve the sample totally → Dilute and percolate to the fixed volume → Test the solution → Deal with the number → Report

Measurement Flowchart2.

Sampling → Weighting → Precondition-1 : With a mixture of sulfuric acid and nitric acid, decompose and carbonize the organic substance → Precondition-2 : By appropriate chemical reaction (solvent /concentration /volume/temperature/ time.....), to dissolve the insoluble matter totally → Dilute → Determination → Report.

Measurement Flowchart3.

Sampling → Weighting → Precondition: With a mixture of hydrochloric acid and nitric acid, dissolve the sample totally → Dilute → Determination → Report.

Measurement Flowchart4.

Sampling → Weighting → Precondition-1 : Incineration under the existence of sulfuric acid → Precondition-2 : By appropriate chemical reaction (solvent /concentration /volume/temperature/ time.....), to dissolve the insoluble matter totally → Dilute → Determination → Report.

Measurement Flowchart5.

Sampling → Weighting → By appropriate chemical reaction (selective solvent / concentration /temperature), denude the plating and dissolve the elements into the solution. → Dilute → Determination → Report

Measurement Flowchart6.

Sampling → Weighting → Precondition: first By add to appropriate nitric acid and hydrogen peroxide as a wet decomposition reagent, then using Microwave Sample Preparation Platform System to complete digest sample → Dilute and percolate to the fixed volume → test the solution → deal with the number → Report.

補充說明 (Explanation):

****Test Method Accredited by CNAL. Its Requirements Identical to ISO/IEC 17025****

author1backup		author2backup	
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制程委託檢驗報告

Test Report for Process

地區 (Area) : KS

料號 (PartNo)	D/C	測試儀器 (Test Equipment)	抽驗批號(LOT NO)
一般金屬類 AS0A421-N2SN-4F 1.052-1006-026 2.052-1006-027 3.028-20F0-229 4.028-20F0-230 AS0B226-S52N-7F 5.023-00F0-047 AS0B126-S80S-4F 6.026-10F0-226 7.026-10F0-227	/	ICP	1.BP66190404022 2.BP66190244021 3.BP66190044017 4.BP66180124017 5.BP65300054017 6.BP66100014017 7.BP66100024017

申請單位名稱 (ApplyUnit) : NB1品管一課	申請單位代號 (ApplyNo) : MBKY15
申請檢驗等級 (TestType) : 重金屬檢驗	申請人 (Applier) : 付明玉 張曉婷66428
測試環境條件:溫度(Temperature) 22 ,濕度(Humidity) 60%	測試編號 (TestNo) : 66K-201624 樣品處置 (Sample_Treatment) : 留樣
檢驗單位收料日期 : 2006/06/23	檢測機構 (Analysis institution) 華東檢測
檢驗人(Test man) : 吳婷 2006/06/23	報告預計完成日期 (Estimated date of completion): 2006/06/23
檢驗單位審查人(Checked) : 仇桂平/鄭明輝 2006/06/23	檢驗合格否(Pass or not) : <input checked="" type="radio"/> 合格(Pass) <input type="radio"/> 其他(Other) <input type="radio"/> 不合格(Fail)
檢驗單位主管核定(Approved) : 張金葉 2006/06/24 2006/06/24	檢驗完工日期(FinishDate) : 📅

檢驗項目 (Test Item)	檢測流程 (Measurement Flowchart)	測試方法 (Test Method)		管制規格 (Spec)	測試結果 (TestResult)	備註 (Remark)
		預處理方法 (Pre-conditioning method)	檢測方法 (Measurement method)			
1. 鎘 (Cd)	Measurement Flowchart 3	CTICP-065	EPA6010B	<50ppm(金屬類/ Metals)	一般金屬類 AS0A421-N2SN-4F 1.052-1006-026 N.D. 2.052-1006-027 N.D. 3.028-20F0-229 N.D. 4.028-20F0-230 N.D. AS0B226-S52N-7F	Cd: N.D.<2ppm

					5.023-00F0-0 47 N.D. AS0B126-S80 S-4F 6.026-10F0-2 26 N.D. 7.026-10F0-2 27 N.D.	
2.鉛 (Pb)	Measurement Flowchart 3	CTICP-065	EPA6010B	<1000ppm(一般金屬 /General metals)	一般金屬類 AS0A421-N2 SN-4F 1.052-1006-0 26 N.D. 2.052-1006-0 27 N.D. 3.028-20F0-2 29 10.0ppm 4.028-20F0-2 30 N.D. AS0B226-S52 N-7F 5.023-00F0-0 47 92.8ppm AS0B126-S80 S-4F 6.026-10F0-2 26 N.D. 7.026-10F0-2 27 N.D.	Pb: N.D.<10ppm
3.汞 (Hg)	Measurement Flowchart 3	CTICP-065	EPA6010B	N.D.	一般金屬類 AS0A421-N2 SN-4F 1.052-1006-0 26 N.D. 2.052-1006-0 27 N.D. 3.028-20F0-2 29 N.D. 4.028-20F0-2 30 N.D. AS0B226-S52 N-7F 5.023-00F0-0 47 N.D. AS0B126-S80 S-4F	Hg:N.D.<5p pm

					6.026-10F0-2 26 N.D. 7.026-10F0-2 27 N.D.	
4.六價 鉻(Cr6+)	Measurement Flowchart 3	CTICP-065	EPA6010B	ND(<5ppm)	一般金屬類 AS0A421-N2S N-4F 1.052-1006-02 6 N.D. 2.052-1006-02 7 N.D. 3.028-20F0-2 29 N.D. 4.028-20F0-2 30 N.D. AS0B226-S52 N-7F 5.023-00F0-0 47 N.D. AS0B126-S80 S-4F 6.026-10F0-2 26 N.D. 7.026-10F0-2 27 N.D.	Cr6+: N.D.<2ppm
N/A					ppm	
N/A					ppm	
N/A					ppm	
N/A					ppm	
N/A					ppm	
N/A					ppm	
N/A					ppm	
N/A					ppm	

流程備注(Flowcharts) :

Measurement Flowchart1.

Sampling → Weighting → Precondition: Add appropriate nitric acid and hydrochloric acid ,then chemical reaction happened(in the temperature/ time.....)to dissolve the sample totally → Dilute and percolate to the fixed volume → Test the solution → Deal with the number → Report

Measurement Flowchart2.

Sampling → Weighting → Precondition-1 : With a mixture of sulfuric acid and nitric acid, decompose and carbonize the organic substance → Precondition-2 : By appropriate chemical reaction (solvent /concentration /volume/temperature/ time.....), to dissolve the insoluble matter totally → Dilute → Determination → Report.

Measurement Flowchart3.

Sampling → Weighting → Precondition: With a mixture of hydrochloric acid and nitric acid, dissolve the sample totally → Dilute → Determination → Report.

Measurement Flowchart4.

Sampling → Weighting → Precondition-1 : Incineration under the existence of sulfuric acid → Precondition-2 : By appropriate chemical reaction (solvent /concentration /volume/temperature/ time.....), to dissolve the insoluble matter totally → Dilute → Determination → Report.

Measurement Flowchart5.

Sampling → Weighting → By appropriate chemical reaction (selective solvent / concentration /temperature), denude the plating and dissolve the elements into the solution. → Dilute → Determination → Report

Measurement Flowchart6.

Sampling → Weighting → Precondition: first By add to appropriate nitric acid and hydrogen peroxide as a wet decomposition reagent, then using Microwave Sample Preparation Platform System to complete digest sample → Dilute and percolate to the fixed volume → test the solution → deal with the number → Report.

補充說明 (Explanation):

金屬樣品已作電鍍處理,測試結果為整體含量.

*****本測試項目已獲得國家實驗室認可,其要求等同ISO/IEC 17025*****

*****Test Method Accredited by CNAL It's Requirements Identical to ISO/IEC 17025*****

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制程委託檢驗報告

Test Report for Process

地區 (Area) : KS

料號 (PartNo)	D/C	測試儀器 (Test Equipment)	抽驗批號(LOT NO)
包材類 AS0A421-N2SN-4F 1.085-0001-383 AS0A426-N2SN-7F 2.084-0088-874	/	ICP	1.F62436 2.B766190024316

申請單位名稱 (ApplyUnit): NB1品管一課	申請單位代號 (ApplyNo) : MBKY15
申請檢驗等級 (TestType): 重金屬檢驗	申請人 (Applier): 付明玉 張曉婷66428
測試環境條件: 溫度(Temperature) 22 , 濕度(Humidity) 60%	測試編號 (TestNo) : 66K-201625 樣品處置 (Sample_Treatment) : 留樣
檢驗單位收料日期 : 2006/06/23	檢測機構 (Analysis institution) 華東檢測
檢驗人(Test man) : 劉海 2006/06/23	報告預計完成日期 (Estimated date of completion): 2006/06/23
檢驗單位審查人(Checked) : 仇桂平/鄭明輝 2006/06/23	檢驗合格否(Pass or not) : <input checked="" type="radio"/> 合格(Pass) <input type="radio"/> 其他(Other) <input type="radio"/> 不合格(Fail)
檢驗單位主管核定(Approved) : 張金葉 2006/06/24 2006/06/24	檢驗完工日期(FinishDate) : 📅

檢驗項目 (Test Item)	檢測流程 (Measurement Flowchart)	測試方法 (Test Method)		管制規格 (Spec)	測試結果 (TestResult)	備註 (Remark)
		預處理方法 (Pre-conditioning method)	檢測方法 (Measurement method)			
N/A					ppm	
N/A					ppm	
N/A					ppm	
N/A					ppm	
N/A					ppm	
N/A					ppm	
N/A					ppm	
N/A					ppm	
N/A					ppm	
N/A					ppm	
11.Cd+Pb+Hg	Measurement Flowchart 2	ST3H0103	EPA6010B	<100ppm(包裝材料)	包材類 AS0A421-N2SN	Pb: N.D.<10ppm

+六價Cr				/Package materials); Cd<5ppm; Pb<50ppm; Cr6+<5ppm	N-4F 1.085-0001-38 3 Pb=N.D. Cd=N.D. Cr=N.D. Hg=N.D. AS0A426-N2S N-7F 2.084-0088-87 4 Pb=N.D. Cd=N.D. Cr=N.D. Hg=N.D.	Cd/Cr:N.D.<2ppm Hg:N.D.<5ppm
N/A					ppm	

流程備注(Flowcharts) :

Measurement Flowchart1.

Sampling → Weighting → Precondition: Add appropriate nitric acid and hydrochloric acid ,then chemical reaction happened(in the temperature/ time.....)to dissolve the sample totally → Dilute and percolate to the fixed volume → Test the solution → Deal with the number → Report

Measurement Flowchart2.

Sampling → Weighting → Precondition-1 : With a mixture of sulfuric acid and nitric acid, decompose and carbonize the organic substance → Precondition-2 : By appropriate chemical reaction (solvent /concentration /volume/temperature/ time.....), to dissolve the insoluble matter totally → Dilute → Determination → Report.

Measurement Flowchart3.

Sampling → Weighting → Precondition: With a mixture of hydrochloric acid and nitric acid, dissolve the sample totally → Dilute → Determination → Report.

Measurement Flowchart4.

Sampling → Weighting → Precondition-1 : Incineration under the existence of sulfuric acid → Precondition-2 : By appropriate chemical reaction (solvent /concentration /volume/temperature/ time.....), to dissolve the insoluble matter totally → Dilute → Determination → Report.

Measurement Flowchart5.

Sampling → Weighting → By appropriate chemical reaction (selective solvent / concentration /temperature), denude the plating and dissolve the elements into the solution. → Dilute → Determination → Report

Measurement Flowchart6.

Sampling → Weighting → Precondition: first By add to appropriate nitric acid and hydrogen peroxide as a wet decomposition reagent, then using Microwave Sample Preparation Platform System to complete digest sample → Dilute and percolate to

the fixed volume —> test the solution —> deal with the number —> Report.

補充說明 (Explanation):

*****本測試項目已獲得國家實驗室認可,其要求等同ISO/IEC 17025*****

*****Test Method Accredited by CNAL It's Requirements Identical to ISO/IEC 17025*****

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