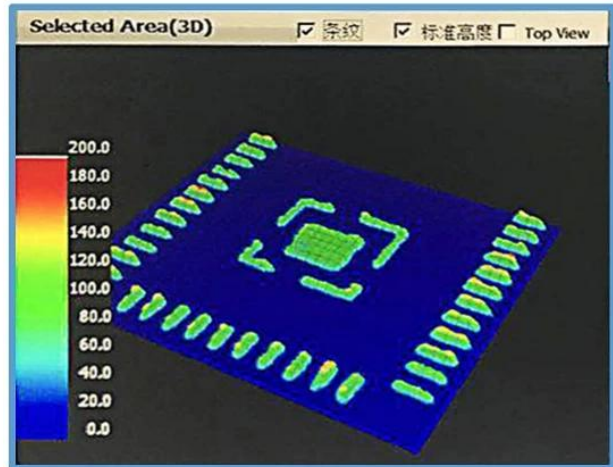
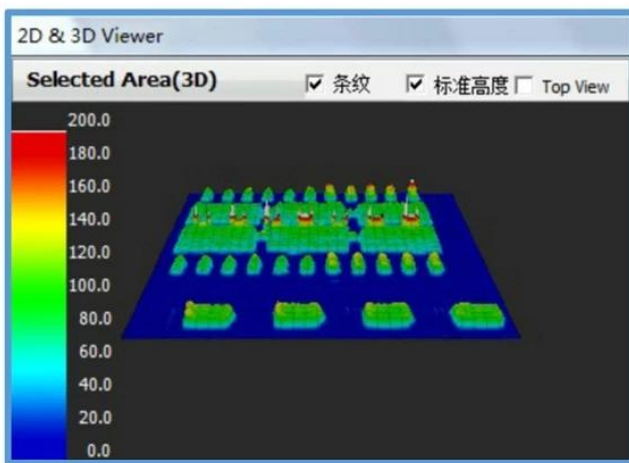
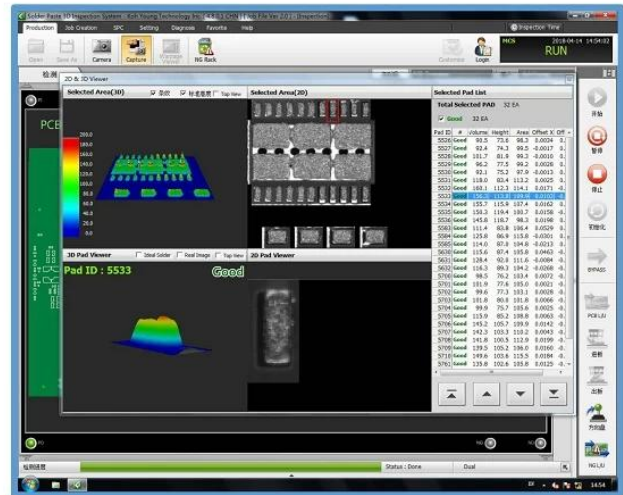
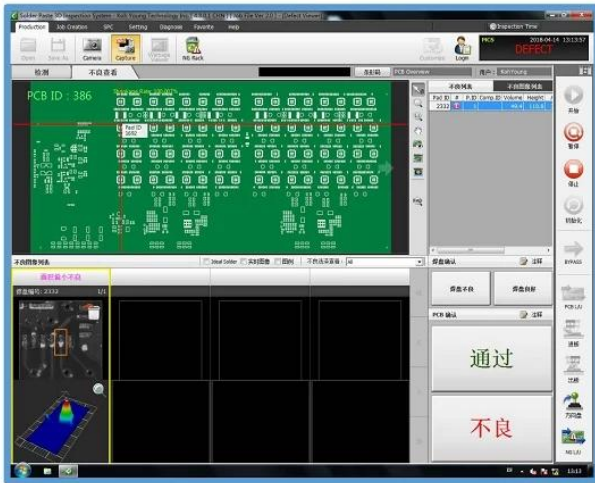
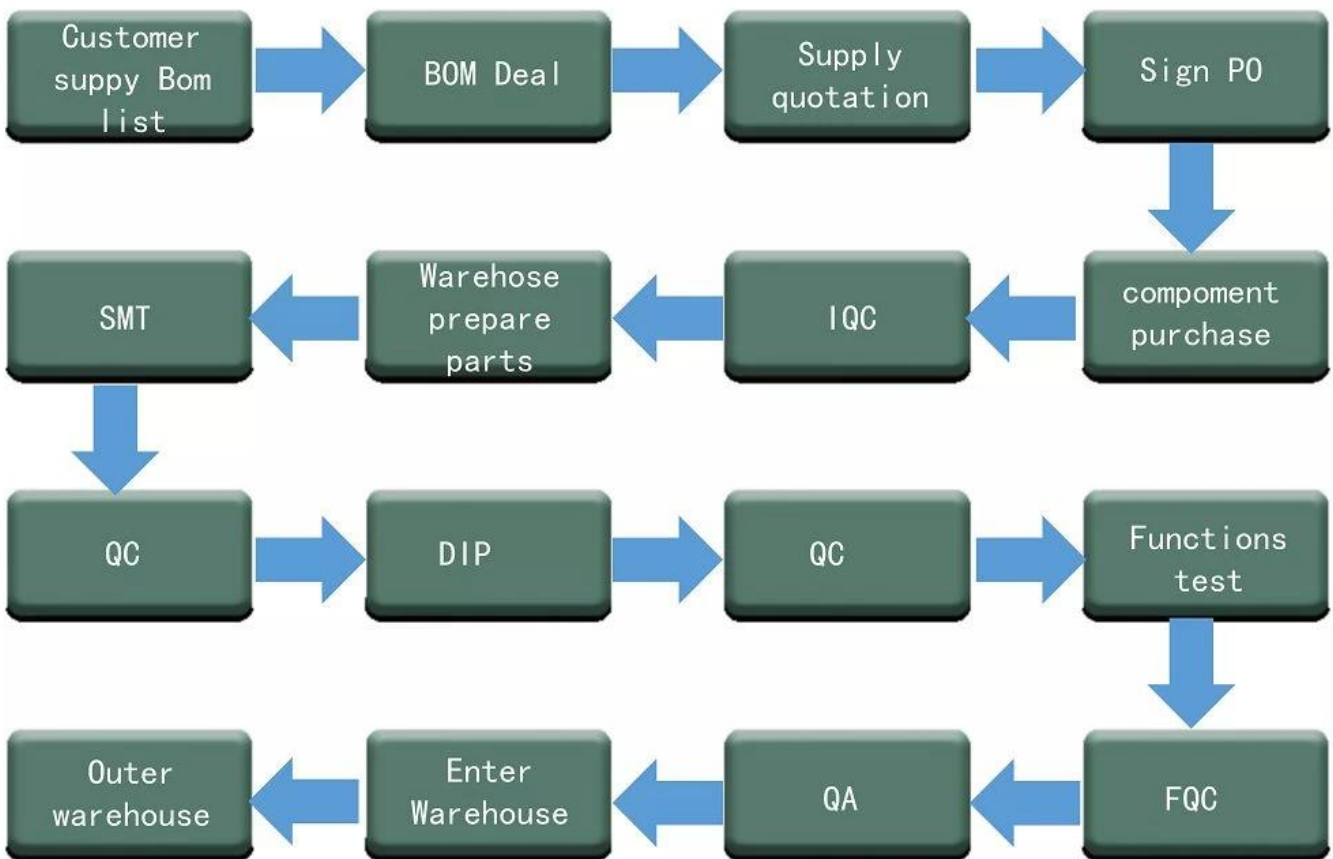


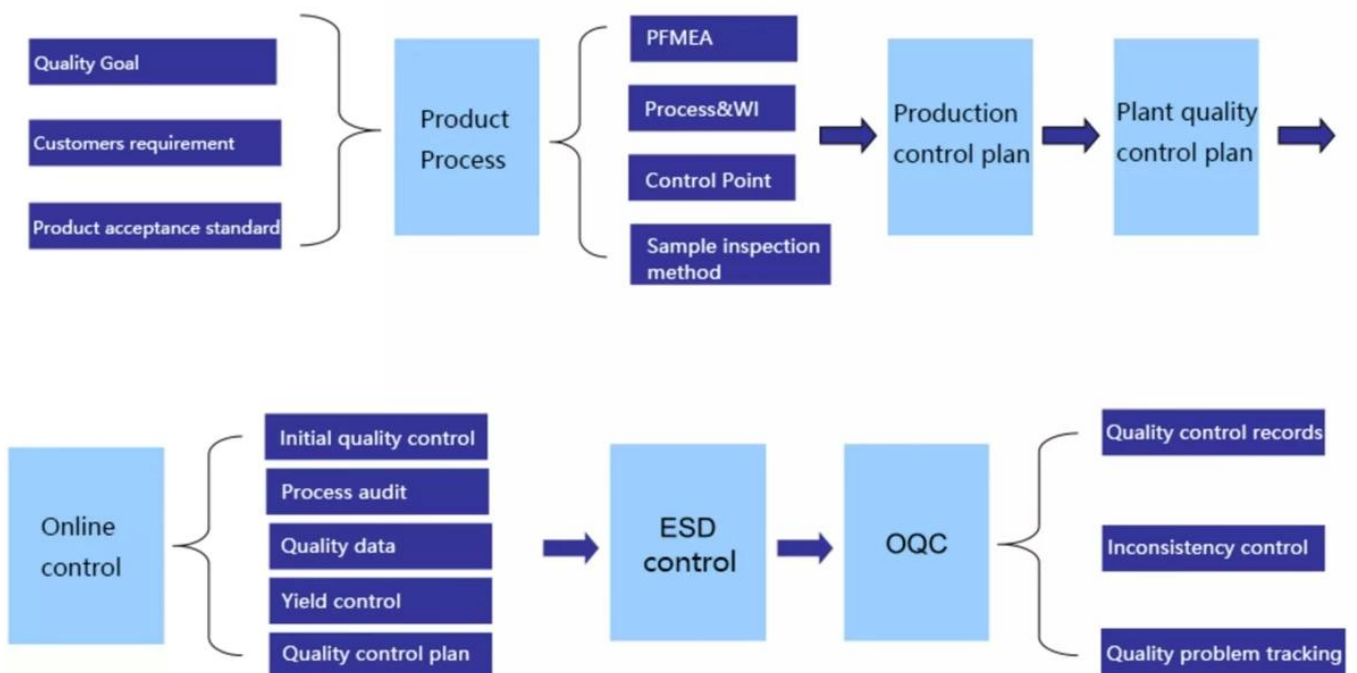
# KOHYOUNG solder pasteig check SPI Figure 3 d imaging



## Process Flow Chart



## Quality Control Process



# Market Share

CONSUMER ELECTRONICS

AUTOMOTIVE ELECTRONICS

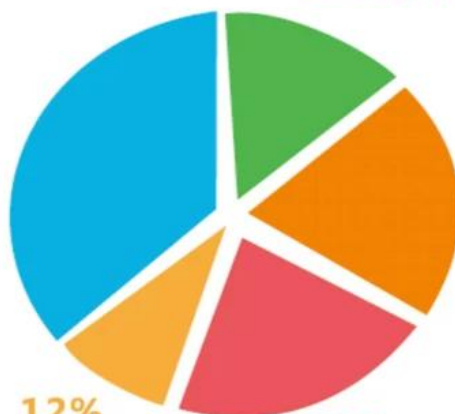
INDUSTRIAL CONTROL

INTELLECTUALIZED HOUSEHOLD CONTROL

OTHER



30%  
CONSUMER ELECTRONICS



18%  
INTELLECTUALIZED HOUSEHOLD CONTROL

20%  
AUTOMOTIVE ELECTRONICS



12%  
OTHER



20%  
INDUSTRIAL CONTROL



فريقنا



Factory PCB



Automatic vacuum press machine



Drilling Machine



Pattern Plating Machine



Scrubbing Machine



Developing Machine



Routing Machine



High-speed flying probe machine



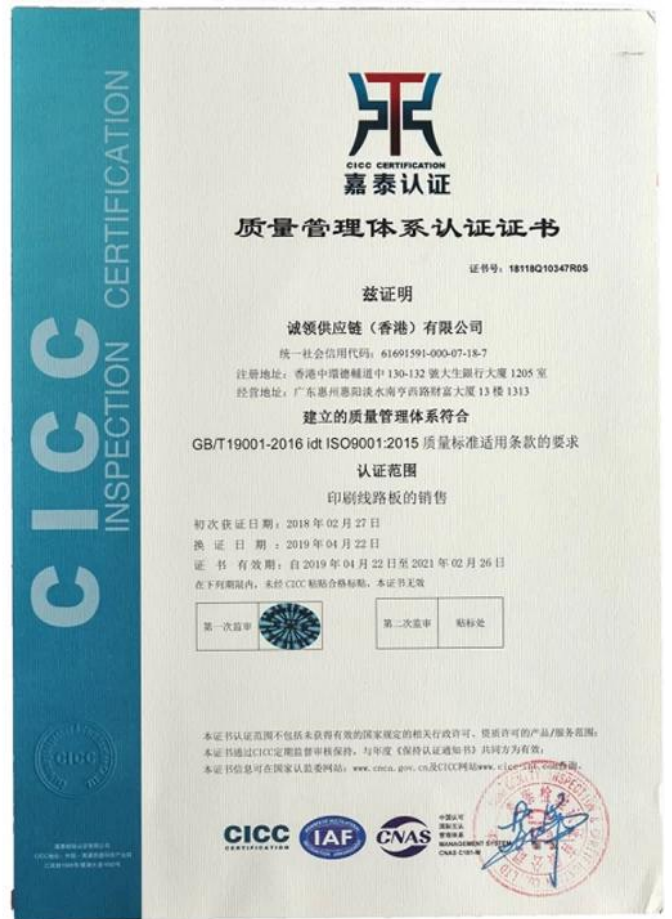
E-test Machine

Factory SMT





# الشهادات





Test Report

No. SZXEC1900530401 Date: 30 Mar 2019 Page 1 of 6

O-LEADING SUPPLY CHAIN (HK) CO., LIMITED

1313.FLOOR 13, FORTUNE BUILDING, DANSHUI TOWN, HUIYANG DISTRICT, HUIZHOU, GUANGDONG, CHINA

The following sample(s) was/were submitted and identified on behalf of the clients as : OSP

SGS Job No. : RP19-005089 - SZ
Date of Sample Received : 22 Mar 2019
Testing Period : 22 Mar 2019 - 30 Mar 2019
Test Requested : Selected test(s) as requested by client.
Test Method : Please refer to next page(s).
Test Results : Please refer to next page(s).

Conclusion : Based on the performed tests on submitted sample(s), the results of Lead, Mercury, Cadmium, Hexavalent chromium, Polybrominated biphenyls (PBBs), Polybrominated diphenyl ethers (PBDEs) and Phthalates such as Bis(2-ethylhexyl) phthalate (DEHP) , Butyl benzyl phthalate (BBP), Dibutyl phthalate (DBP) , and Diisobutyl phthalate (DIBP) comply with the limits as set by RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU.

Signed for and on behalf of
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Tina
Tina Fan
Approved Signatory



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Test Report

No. SZXEC1900530401 Date: 30 Mar 2019 Page 2 of 6

Test Results :

Test Part Description :

Table with 3 columns: Specimen No., SGS Sample ID, Description. Row 1: SN1, SZX19-005304.001, Green"PCB"

Remarks :

- (1) 1 mg/kg = 1 ppm = 0.0001%
(2) MDL = Method Detection Limit
(3) ND = Not Detected (< MDL)
(4) "-" = Not Regulated

RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU

Test Method : With reference to IEC 62321-4:2013+A1:2017, IEC 62321-5:2013, IEC 62321-7-2:2017, IEC 62321-6:2015 and IEC 62321-8:2017, analyzed by ICP-OES, UV-Vis and GC-MS.

Table with 5 columns: Test Item(s), Limit, Unit, MDL, 0/1. Lists various substances like Cadmium, Lead, Mercury, Hexavalent Chromium, Sum of PBBs, etc. with their respective limits and detection results.



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# ZPMV2.E490354 - WIRING, PRINTED - COMPONENT

## Wiring, Printed - Component

See General Information for Wiring, Printed - Component

**O-LEADING SUPPLY CHAIN (HK) CO LTD**  
 ROOM 1205, 12/F  
 TAI SANG BANK BLDG  
 130-132 DES VOEUS ROAD  
 CENTRAL, HONG KONG

E490354

Type	Cond Width			SS/ DS/ DSO	Max	Max		Meets UL796	C T	
	Min	Cond	Area		Solder	Oper	Flame			
	mm(in)	Edge Thk	Diam		Limits	Temp				Class
<b>Multilayer (mass laminate) printed wiring boards.</b>										
<b>O-LEADING-401</b>	0.1 (0.004)	0.3 (0.012)	34 (1.34)	DS	12.7 (0.5)	260	10	130	V-0	-
<b>O-LEADING-407</b>	0.08 (0.003)	0.2 (0.008)	17 (0.67)	DS	9.7 (0.4)	260	10	130	V-0	All
<b>Multilayer printed wiring boards.</b>										
<b>O-LEADING-408</b>	0.125 (0.005)	0.125 (0.005)	12 (0.47) Int:136	DS	50.8 (2.0)	280	20	130	V-0	All *
<b>Single layer printed wiring boards.</b>										
<b>O-LEADING-002</b>	0.38 (0.015)	1.14 (0.045)	34 (1.34)	SS	19.1 (0.8)	260	10	105	V-0	All -
<b>O-LEADING-003</b>	0.38 (0.015)	1.14 (0.045)	34 (1.34)	SS	19.1 (0.8)	260	10	130	V-0	▲ -
<b>O-LEADING-033</b>	0.15 (0.006)	0.3 (0.012)	34 (1.34)	SS	25.4 (1.0)	260	10	120	V-0	All -
<b>O-LEADING-205</b>	0.1 (0.004)	0.3 (0.012)	34 (1.34)	DS	69.6 (2.7)	260	10	130	V-0	All -
<b>O-LEADING-206</b>	0.15 (0.006)	0.33 (0.013)	17 (0.67)	DS	69.6 (2.7)	260	10	130	V-0	All -
<b>O-LEADING-D01</b>	0.14 (0.006)	0.15 (0.006)	33 (1.30)	DS	25.4 (1.0)	260	10	130	V-0	All *
<b>O-LEADING-S01</b>	0.25 (0.010)	0.25 (0.010)	17 (0.67)	SS	25.4 (1.0)	260	4	130	V-0	All *

WIRING, PRINTED - COMPONENT | UL Product iQ

<b>O-LEADING-S02</b>	0.2 (0.008)	0.2 (0.008)	17 (0.67)	SS	25.4 (1.0)	260	4	130	HB	▲ *
<b>O-LEADING-S03</b>	0.25 (0.010)	0.25 (0.010)	34 (1.34)	SS	25.4 (1.0)	260	4	130	V-0	All *

\* - CTI marking is optional and may be marked on the printed wiring board.

Marking: Company name or file number and type designation. May be followed by a suffix to denote factory identification or burning test classification.

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# القدرة العملية

القدرة القصوى	1 32
القدرة القصوى	1/3 12 -
القدرة القصوى /	3.0 3.0 /
القدرة القصوى /	4.0 4.0 /
القدرة القصوى	10: 1
القدرة القصوى	0.2 5.0 -
القدرة القصوى	635 * 1500
القدرة القصوى	4
القدرة القصوى	+/- 3
Blind / Buried Vias (All)	
القدرة القصوى	
القدرة القصوى	FR-4 FR-4high Tg. ENIG HAL-LF Immersion
القدرة القصوى	HASL OSP ENIG HAL-LF Immersion

## القدرة القصوى SMT

القدرة القصوى	FR-4 CEM-1 CEM-3
القدرة القصوى	510x460
القدرة القصوى	50 × 50
القدرة القصوى	0.5 4.5 -
القدرة القصوى	0.5-4
القدرة القصوى	0201
القدرة القصوى	0603
القدرة القصوى	15
القدرة القصوى	0.3
القدرة القصوى	0.4
القدرة القصوى	+/- 0.03

# التعبئة والتغليف والتسليم

# Shipping service



Quick Turn Lead Time		
Layer Count:	Lead Tim	Special Requirement
1L/2L	2-3days	24 Hours,48 Hours
4L	3-4days	48 Hours
6L	4-5days	72 Hours
8L	5-6days	NA
10L	6-7days	NA
12L	7-8days	NA
14L	8-9days	NA

Standard Lead Time		
Layer Count:	Sample Lead Time	Volume order lead time
2L	4 days	10 days
4L	5 days	11 days
6L	6 days	12 days
8L	8 days	14 days
10L	10 days	16 days
12L	12 days	18 days
14L	14 days	20 days
16-32L	18 days	24 days

# التعليمات

## 1. اختبار O-Leading

يتم اختبار O-Leading وفقًا للمعايير التالية:

- 1.1 ISO 9001: 2008.
- 1.2 اختبار O-Leading وفقًا للمعايير التالية: Flying Probe □ X-ray Inspection □ AOI (Automated Optical Inspector) □ ICT (اختبار التيار المستمر).
- 1.4 اختبار O-Leading وفقًا للمعايير التالية: 1.4
- 1.5 اختبار O-Leading وفقًا للمعايير التالية: 1.5

## 2 O-Leading

يتم اختبار O-Leading وفقًا للمعايير التالية:

- اختبار O-Leading وفقًا للمعايير التالية: 31 اختبار "اختبار التيار المستمر" اختبار O-Leading وفقًا للمعايير التالية: 31 اختبار "اختبار التيار المستمر" اختبار O-Leading وفقًا للمعايير التالية: 31 اختبار "اختبار التيار المستمر"

## 3 O-Leading



FR4 PCB PCB Rogers Arlon Telfon PCB / PCB PI PCB

4

4.1 BOM (. PCB 4.2 PCB.

4.3 PCB PCBA.

4.4 .

4.5

5

PTH AOI AOI E / T .

6

LDI VCP LDI

Mitsubishi Hitachi LDI Screen Hitachi

7 O-lead

O-the Leader ENIG OSP LF-HASL OSP ENIG + ENIG HDI OSP OSP + ENIG BGA .03

8 FPC O-Leading SMT

O-Leading FPC 2000 8mm \* 240mm "Flex Capability" SMT

9

PCB PWB FPC

10 PCB PWB FPC

PCB PWB FPC

11

: Tg CTE 250 50

