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本公司 O-Leading 產品均 通過 ISO 9001 國際標準認證，EMS 工廠通過 ISO 14001 環境管理系統認證，並通過 ISO 45001 職業安全衛生管理系統認證，符合 PCBA 生產要求。本公司產品均通過 UL、CE、RoHS 等國際認證，品質可靠，價格公道，歡迎各界人士垂詢。

[illegible][illegible]

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OEM የፍጥነት ምዕራፍ ምዕራፍ ምዕራፍ ምዕራፍ ምዕራፍ

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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





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 Fan
Approved Signatory



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No. SZXEC1900530401

Date: 30 Mar 2019

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Test Results :

Test Part Description:

Specimen No.	SGS Sample ID	Description
SN1	SZX19-005304.001	Green™PCB

Remarks :

(1) $1 \text{ mg/kg} = 1 \text{ ppm} = 0.0001\%$

(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, IEC62321-5:2013, IEC62321-7-2:2017, IEC 62321-6:2015 and IEC62321-8:2017, analyzed by ICP-OES, UV-Vis and GC-MS.

Test Item(s)	Limit	Unit	MDL	Q27
Cadmium (Cd)	100	mg/kg	2	ND
Lead (Pb)	1,000	mg/kg	2	8
Mercury (Hg)	1,000	mg/kg	2	ND
Hexavalent Chromium (Cr(VI))	1,000	mg/kg	8	ND
Sum of PBBs	1,000	mg/kg	-	ND
Monobromobiphenyl	-	mg/kg	5	ND
Dibromobiphenyl	-	mg/kg	5	ND
Tri bromobiphenyl	-	mg/kg	5	ND
Tetrabromobiphenyl	-	mg/kg	5	ND
Pentabromobiphenyl	-	mg/kg	5	ND
Hexabromobiphenyl	-	mg/kg	5	ND
Heptabromobiphenyl	-	mg/kg	5	ND
Octabromobiphenyl	-	mg/kg	5	ND
Nonabromobiphenyl	-	mg/kg	5	ND
Decabromobiphenyl	-	mg/kg	5	ND
Sum of PBDEs	1,000	mg/kg	-	ND
Monobromodiphenyl ether	-	mg/kg	5	ND
Dibromodiphenyl ether	-	mg/kg	5	ND
Tri bromodiphenyl ether	-	mg/kg	5	ND
Tetrabromodiphenyl ether	-	mg/kg	5	ND
Pentabromodiphenyl ether	-	mg/kg	5	ND

[illegible]

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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

E490354

ROOM 1205, 12/F
TAI SANG BANK BLDG
130-132 DES VOEUS ROAD
CENTRAL, HONG KONG

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

O-LEADING-S02	0.2 (0.008)	0.2 (0.008)	17 (0.67)	SS	25.4 (1.0)	260	4	130	HB	▲	*
O-LEADING-S03	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

الخصائص العامة للمنتج	
القدرة القصوى	1 32- 32
القدرة القصوى المتوسطة	1 / 3oz-12oz
القدرة القصوى القصوى / القدرة القصوى القصوى	3.0 3.0 / 3.0
القدرة القصوى القصوى / القدرة القصوى القصوى	4.0 4.0 / 4.0
القدرة القصوى القصوى القصوى	10: 1
القدرة القصوى القصوى	0.2 5.0 - 5.0
القدرة القصوى القصوى القصوى القصوى	635 * 1500
القدرة القصوى القصوى القصوى القصوى	4
القدرة القصوى القصوى Plated	+/- 3
Blind / Buried Vias (All)	
القدرة القصوى القصوى القصوى القصوى	
القدرة القصوى القصوى	FR-4 FR-4hg Tg. Rogers
القدرة القصوى القصوى القصوى	HASL OSP ENIG HAL-LF Immersion silver

الخصائص العامة للمنتج SMT	
القدرة القصوى القصوى القصوى القصوى	FR-4 CEM-1 CEM-3
القدرة القصوى القصوى القصوى القصوى	510x460
القدرة القصوى القصوى القصوى القصوى	50x50
القدرة القصوى القصوى القصوى القصوى	0.5 4.5 - 4.5
القدرة القصوى القصوى	0.5-4
القدرة القصوى القصوى القصوى القصوى	0201
القدرة القصوى القصوى القصوى القصوى	0603
القدرة القصوى القصوى القصوى القصوى	15
القدرة القصوى القصوى القصوى القصوى	0.3
القدرة القصوى القصوى القصوى القصوى	0.4
القدرة القصوى 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

.اختبار O-Leading هو اختبار جودة

مستند إلى معيار ISO 9001: 2008.

1.2 اختبار O-Leading هو اختبار جودة

مستند إلى معيار ISO 9001: 2008. اختبار O-Leading هو اختبار جودة

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2. اختبار O-Leading

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مستند إلى معيار ISO 9001: 2008. اختبار O-Leading هو اختبار جودة

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مستند إلى معيار ISO 9001: 2008.

03 O-Leading

FR4 PCB TG Rogers Arlon Telfon / PI .

04

4.1 4.2 PCB Gerber.

4.3 PCB PCBA.

4.4 .

4.5

05

AOI PTH E / T

06 HDI

VCP LDI

LDI Screen Hitachi

07

ENIG OSP LF-HASL OSP ENIG + ENIG HDI OSP OSP + ENIG BGA PAD 0.3

08 FPC O-Leading SMT

8 2000mm * 240mm "Flex Flexability" SMT

09

10 PCB PWB FPC

PWB Wire Wire Board FPC

11 PCB

Tg CTE 250

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POLAR INSTRUMENTS.

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