

# Benvenuto in O-Leading

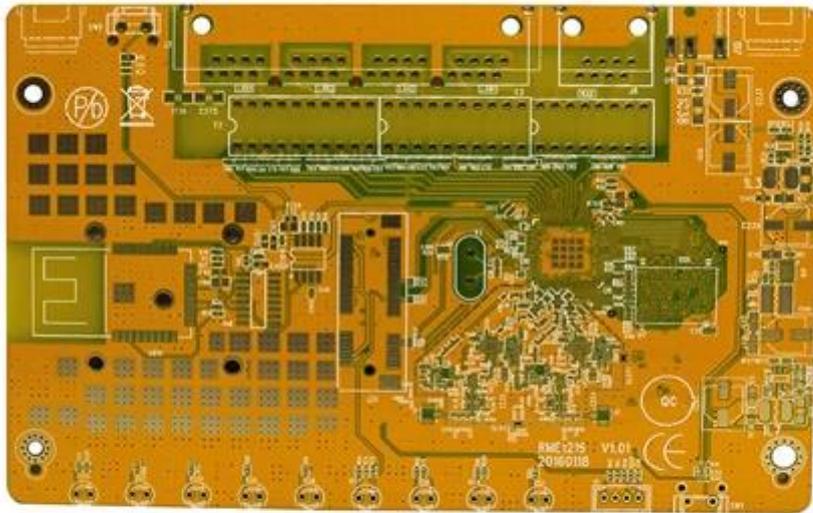
O-Leading si impegna per essere il partner della soluzione one stop nella catena di fornitura EMS, tra cui progettazione PCB, fabbricazione PCB e assemblaggio PCB (PCBA). Forniamo alcune delle tecnologie PCB più avanzate, tra cui PCB HDI, PCB multistrato, PCB rigidi-flessibili Siamo in grado di supportare dal prototipo a rotazione rapida alla produzione media e di massa.

In generale, i nostri clienti globali sono molto colpiti dai nostri servizi: risposta rapida, prezzo competitivo e impegno per la qualità. Fornire un servizio tecnico più prezioso e una soluzione globale è il modo in cui O-leader in avanti. **Produttore di circuiti stampati**

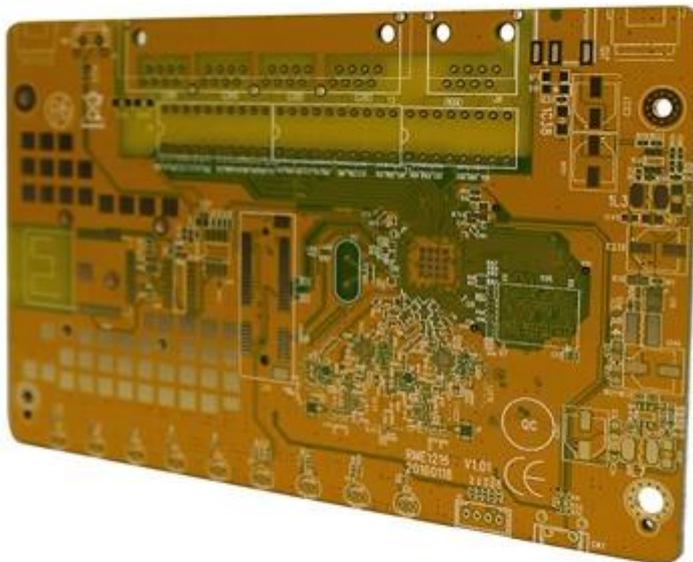
Guardando al futuro, O-Leading si concentrerà sull'innovazione e sullo sviluppo della tecnologia di produzione elettronica come sempre e farà sforzi costanti sul servizio one-stop PCB e PCBA per fornire servizi di prima classe e creare più valore per i nostri clienti.

LAMIERA FORI RAME MINIMO .025 AVG, .020 MIN. I FORI NON POSSONO ESSERE COLLEGATI  
Confezione con pellicola trasparente a bolle incolore, 25 pezzi / custodia, mettere disidratato nell'ala, mettere la scheda indicatore di umidità sul lato superiore

Luogo d'origine	Guangdong, Cina (continente)	Marchio	O-leader
Articolo di base	FR-4 e alluminio	Spessore di rame	0.5OZ-5oz
Accurate. La dimensione del buco	0,2 mm e	Accurate. Riga di visualizzazione	0,2 mm e
Finiture superficiali	Gold Immersion, OSP, HASL senza piombo	Spessore della tavola	0.1-5mm
Applica a	Telefoni cellulari, condizionatori domestici, lavatrici	Lettera	PCB di controllo industriale
certificati	ISO9001, UL, ROHS, SGS	Q / CTN	10pcs-100PCS
Peso	0,01 kg -5 kg	MOQ	10 pezzi
Numero di modello	Produttore di assemblaggio PCB Power Bank PCBA	Accurate. Interlinea	0,2 mm e
il colore	Blu, Rosso, Verde, Nero	prezzo	\$ 0,1- \$ 10
Digitare design	Requisiti del cliente	Taglia	0.01m3-10m3



[www.o-leading.com](http://www.o-leading.com)



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La nostra squadra



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Factory PCB

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Automatic vacuum press machine



Drilling Machine



Pattern Plating Machine



Scrubbing Machine



Developing Machine



Routing Machine



High-speed flying probe machine



E-test Machine

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Factory SMT

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# certificazioni

CICC INSPECTION CERTIFICATION



**嘉泰认证**

**QUALITY MANAGEMENT SYSTEM CERTIFICATE**  
Certificate No: 18118Q10347R05

**We hereby certify that**  
**O-LEADING SUPPLY CHAIN(HK) CO.,LIMITED**  
Credit No: 61691591-000-07-18-7  
Registration Add: FLAT/RM 1205 12/F TAI SANG BANK BUILDING 130-132 DES VOEUS ROAD CENTRAL HK  
Business Add: 1213, Floor 13, Fortune Building, Danshui Town, Huiyang District, Huizhou, Guangdong, China

Has implemented and maintains a **Quality Management System** Which fulfills the requirements of the following standards  
GB/T19001-2016 idt ISO9001:2015

**Scope of certification**  
Sales of printed circuit boards

Initial issuance period: February 27, 2018  
Renewal date: April 22, 2019  
This certificate is valid during: April 22, 2019 – February 26, 2021  
This certificate is invalid without CICC qualified label in the following period

First supervision and audit	Second supervision and audit	Qualified mark
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The certification registration number does not include those production stages which fail to be covered by the relevant effective administrative procedures and qualification procedures stipulated by the client. The effectiveness of this certificate shall be restricted to actual surveillance scope of CICC the certificate shall be valid also used together with the surveillance with reference.

The initial issuance of this certification can be searched on the portal of CNAS [www.cnas.gov.cn](http://www.cnas.gov.cn) by the code of number 18118Q10347R05.






CICC INSPECTION CERTIFICATION



**嘉泰认证**

**质量管理体系认证证书**  
证书号: 18118Q10347R05

**兹证明**  
**诚领供应链(香港)有限公司**  
统一社会信用代码: 61691591-000-07-18-7  
注册地址: 香港中環德輔道中130-132號大生銀行大廈1205室  
经营地址: 广东惠州惠阳淡水南亨西路财富大厦13楼1313

建立的质量管理体系符合  
GB/T19001-2016 idt ISO9001:2015 质量标准适用条款的要求

**认证范围**  
印刷线路板的销售

初次获证日期: 2018年02月27日  
换证日期: 2019年04月22日  
证书有效期: 自2019年04月22日至2021年02月26日  
在下列期限内, 未经CICC黏贴合格标贴, 本证书无效

第一次监督	第二次监督	黏贴处
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本证书认证范围不包括未取得有效的国家规定的行政许可、资质许可的产品/服务范围; 本证书通过CICC定期监督审核保持, 与年度《保持认证通知书》共同方为有效; 本证书信息可在国家认监委网站: [www.cnca.gov.cn](http://www.cnca.gov.cn) 及CICC网站 [www.cicc-cert.com](http://www.cicc-cert.com) 查询。








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, QZT. Lists various heavy metals and brominated compounds with their respective limits and units.



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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 UL796	C		
	Min	Edge			Area Diam	Solder Limits	Oper Temp			Flame	
	mm(in)	mm(in)			mm(in)	C	sec	C	Class	DSR	I
<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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## 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

## Capacità di processo

### Funzionalità di produzione di PCB

Conteggio strati: 1 strato-32 strati

Spessore rame finito □ 1 / 3oz-12oz

Larghezza min linea / spaziatura interna □ 3.0mil / 3.0mil

Larghezza min linea / spaziatura esterna: 4.0mil / 4.0mil

Rapporto di aspetto massimo: 10: 1

Spessore della scheda □ 0,2 mm-5,0 mm

Dimensione massima del pannello (pollici): 635 \* 1500mm

Dimensione minima del foro: 4mil

Tolleranza del foro Plated: +/- 3mil

Blind / Buried Vias (tipi All): Sì

Via Fill (conduttivo, non conduttivo): Sì

Materiale base: FR-4, FR-4hg Tg. Materiale privo di alogeni, Rogers, Base in alluminio,poliimmide,  
Rame pesante

Finiture superficiali: HASL, OSP, ENIG, HAL-LF, argento mmmm,Immersion Tin, dita d'oro, inchiostro al carbonio

## **Capacità di produzione SMT**

Materiale PCB: FR-4, CEM-1, CEM-3, scheda a base di alluminio

Dimensione massima PCB: 510x460mm

Dimensioni min PCB: x 50x50mm

Spessore PCB □ 0,5 mm-4,5 mm

Spessore della scheda □ 0,5-4mm

Dimensioni min componenti: 0201

Componente di dimensione del chip standard: 0603 e superiore

Altezza massima componente □ 15mm

Passo minimo di piombo: 0,3 mm

Passo palla BGA min: 0.4mm

Precisione di posizionamento: +/- 0,03 mm