

Bienvenido a O-Leading

O-Leading se compromete a ser el socio de la solución integral en la cadena de suministro de EMS, incluido el diseño de PCB, la fabricación de PCB y el ensamblaje de PCB (PCBA). Suministramos algunas de las tecnologías de PCB más avanzadas, incluyendo HDI PCB, PCB multicapa, PCB rígido-flexible. Somos capaces de soportar desde el prototipo de rotación rápida hasta la producción media y en masa. [OEM Pcb prototipo fabricante china](#)

En general, nuestros clientes globales están muy impresionados con nuestros servicios: respuesta rápida, precio competitivo y compromiso de calidad. Brindar un servicio técnico más valioso y una solución global es la forma en que los O-líderes avanzan.

Mirando hacia el futuro, O-Leading se centrará en la innovación y el desarrollo de la tecnología de producción electrónica como siempre y hará esfuerzos constantes en el servicio integral de PCB y PCBA para proporcionar servicios de primera clase y crear más valor para nuestros clientes.

Descripción del producto

Información rápida

Lugar de origen	Guangdong, China (continente)	marca	O-líder
Material básico	FR-4, aluminio	Espesor de cobre	0.5 onzas-5 onzas
Min. Tamaño del agujero	0.2mm	Min. Ancho de línea	0.2mm
Acabado superficial	buceo oro, OSP, HASL sin plomo	Min. Interlineado	0.2mm
aplicable a	led, teléfono móvil, aires acondicionados, lavadoras	carácter	PCB de control industrial
certificado	ISO9001, UL, RoHS, SGS	Q / CTN	10PCS, 100 piezas
peso	0,01 kg -5 kg	MOQ	10 piezas
Número de modelo	fabricante de pba conjunto de pcb banco de energía	Espesor de la tarjeta	0.1-5mm
color	azul, rojo, verde, negro amarillo	precio	\$ 0.1- \$ 10
tipo desigh	requisito del cliente	tamaño	0.01m3-10m3

País de origen: [Fabricante de PCB rígido-flexible de China](#)

Capacidad de producción

16 años de producción profesional de placas de PCB OEM

artículo	2014		2015 ~ 2016		2017 ~ 2018	
	volumen	campeón	volumen	campeón	volumen	campeón
Niveles de conteo	32	42	38	44	42	48
Línea / min espacio (µm)	50/50	40/45	40/45	40/40	35/40	35/35
Agujero min diámetro (mm)	doce y quince	doce y diez	doce y quince	doce y diez	doce y quince	doce y diez

dimensiones por PTH	14: 1	16: 1	16: 1	18: 1	18: 1	20: 1
N + C + N	4 + C + 4	5 + C + 5	5 + C + 5	6 + C + 6	5 + C + 5	6 + C + 6
Cualquier interconexión de capa	5 + 2 + 5	6 + 2 + 6	5 + 2 + 5	6 + 2 + 6	5 + 2 + 5	6 + 2 + 6
Placa de llenado por	SÍ	-	SÍ	-	SÍ	-
Espesor mínimo del núcleo (sin cobre) (µm)	50	40	40	30	40	30
Diámetro mínimo del taladro láser (µm)	75	65	65	50	50	40
Calle enterrada agujero / apilado	SÍ	-	SÍ	-	SÍ	-
material	FR4, Megtron, Nelco, Rogers, Heavy Copper, etc.					
Condensador incorporado PCB	SÍ	-	SÍ	-	SÍ	-
Proceso de superficie	HASL sin plomo, ENIG, OSP, plata de inmersión, estaño de inmersión, Oro dorado, chapado en oro, chapado en oro duro selectivo, Máscara soldable, tinta de carbón					

O-LEADING
To Be Reliable, To Be Valuable



Nuestro equipo



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



certificaciones

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 VODEUS 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
-----------------------------	------------------------------	----------------

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 state. The effectiveness of this certificate shall be restricted to those activities which are covered by the certification. The actual information of this certification can be searched on the internet of CICC www.cicc.com.cn by the site of internet www.cicc.com.cn.






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
-------	-------	-----

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及CICC网站www.cicc.com.cn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



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/terms-and-conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/terms-and-conditions/Electronic.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that unless they expressly refer to the Company's liability at the time of its intended use, they shall be deemed to have accepted the Company's responsibility to its Client and this document does not constitute an offer of a transaction. In witness whereof all their rights and obligations under the transaction documents, this document cannot be reproduced or used in any form without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this report refer only to the samples tested.

Member of the SGS Group (SGS SA)



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.



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/terms-and-conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/terms-and-conditions/Electronic.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that unless they expressly refer to the Company's liability at the time of its intended use, they shall be deemed to have accepted the Company's responsibility to its Client and this document does not constitute an offer of a transaction. In witness whereof all their rights and obligations under the transaction documents, this document cannot be reproduced or used in any form without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this report refer only to the samples tested.

Member of the SGS Group (SGS SA)



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	SS/ DS/ DSO	Max	Max		Meets	C		
	Min	Edge			Area	Solder	Oper			Flame	
	mm(in)	mm(in)	mic(mil)		Diam	Limits	Temp	Class	UL796	T	
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.

并不是所有出现在本数据库中的公司名称和产品都满足了UL跟踪检验服务的要求。只有带有UL标志的产品，才应该被视为经过UL认证，并满足UL跟踪检验服务的要求。注意查看产品上的标志。

UL允许在线认证目录中所含材料的复制遵循以下条件：1.指南信息、装配、构造、设计、系统和/或认证（文件）必须在不篡改任何数据（或图纸）的情况下完整且无误导性地呈现。2.经UL允许从在线认证目录转载“声明必须出现在所摘取材料的邻近位置。此外，转载材料必须包含以下格式的版权声明：“© 2019 UL LLC”

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

Capacidad de proceso

Características de producción de PCB

Recuento de capas: 1 capa-32 capas

Espesor de cobre acabado: 1/3 oz-12 oz

Ancho mínimo de línea / espaciado interno: 3.0mil / 3.0mil

Ancho mínimo de línea / espaciado externo: 4.0mil / 4.0mil

Relación de aspecto máxima: 10: 1

Grosor del tablero: 0.2mm-5.0mm

Tamaño máximo del panel (pulgadas): 635 * 1500 mm

Tamaño mínimo del agujero: 4mil

Tolerancia de agujero revestido: +/- 3mil

Blind / Vias enterradas (tipos All): Sí

Vía relleno (conductor, no conductor): Sí

Material base: FR-4, FR-4hg Tg. Material libre de halógenos, Rogers, Base de aluminio, poliimida,

Cobre pesado

Acabados superficiales: HASL, OSP, ENIG, HAL-LF, plata mmmm, Inmersión de estaño, dedos dorados, tinta de carbón

Capacidad de producción SMT

Material de PCB: FR-4, CEM-1, CEM-3, tablero a base de aluminio

Tamaño máximo de PCB: 510x460 mm

Tamaño mínimo de PCB: x 50x50 mm

Grosor de PCB: 0.5mm-4.5mm

Grosor del tablero: 0.5-4 mm

Dimensiones mínimas del componente: 0201

Componente de tamaño de chip estándar: 0603 y superior

Altura máxima del componente: 15 mm

Paso mínimo de plomo: 0.3 mm

Paso de bola BGA mín .: 0.4 mm

Precisión de posicionamiento: +/- 0.03 mm