

# Bienvenido a O-Leading

O-Leading se esfuerza por ser su socio de solución integral en la cadena de suministro de EMS, incluido el diseño de PCB, la fabricación de PCB y el ensamblaje de PCB (PCBA). Proporcionamos algunas de las tecnologías de PCB más avanzadas, incluyendo PCB de HDI, PCB de múltiples capas, PCB rígido-flexibles. Podemos apoyar desde el prototipo de giro rápido hasta la producción media y en masa. [Proveedor de placa de circuito impreso](#)

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 general es la forma en que O-lidera.

Mirando hacia el futuro, O-Leading se concentrará en la innovación y el desarrollo de la tecnología de fabricación de productos electrónicos como siempre, y realizará esfuerzos persistentes en el servicio integral de PCB y PCBA para proporcionar servicios de primera clase y crear más valor para nuestros clientes.

AGUJEROS DE PLACA DE COBRE MÍNIMO .025 AVG, .020MIN .. LOS AGUJEROS NO PUEDEN SER ENCHUFADOS

Paquete con película de burbujas transparente incolora, 25PCS / bolsa, coloque el desecante en el costado, coloque la tarjeta indicadora de humedad en el lado superior

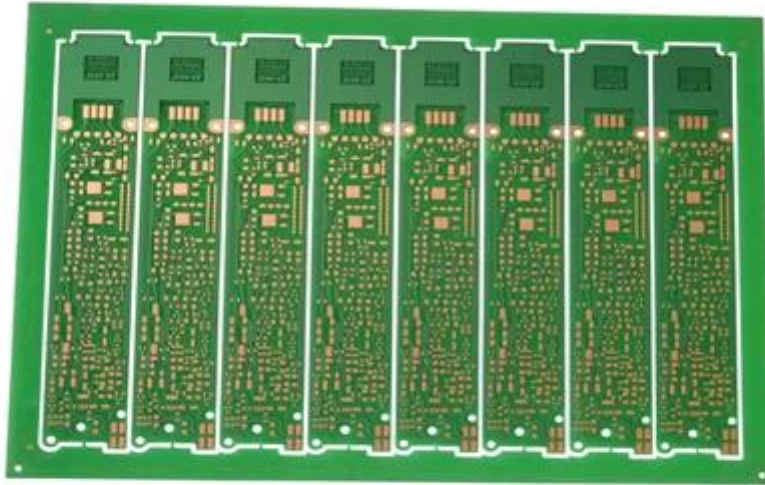
Bienvenido a O-Leading:

Somos fabricantes profesionales de PCB con diez años de experiencia. Gama de productos de PCB de un solo lado, doble capa, PCB flexible, PCB flexible y MCPCB. Podemos proporcionar un servicio de prototipo rápido: S / S en 24 horas, 4-8 capas en 48-96 horas de tiempo de producción .

[fabricante de pcb de china](#)

|                         |                                                      |                             |                        |
|-------------------------|------------------------------------------------------|-----------------------------|------------------------|
| Lugar de origen         | soluang dong, China (continental)                    | Nombre de la marca          | O-Leading              |
| Material de base        | FR-4` ` Aluminio                                     | Coppor espesor              | 0.5oz-5oz              |
| Min. Tamaño del agujero | 0.2mm                                                | Min. Ancho de línea         | 0.2mm                  |
| Acabado de superficies  | oro de inmersión, OSP, HASL sin plomo                | Min. Espaciado entre líneas | 0.2mm                  |
| aplicable a             | led, teléfono móvil, aires acondicionados, lavadoras | Cpersonaje                  | Control industrial pcb |
| certificados            | ISO9001, UL, RoHS, SGS                               | Q / CTN                     | 10PCS-100PCS           |
| peso                    | 0.01kg -5kg                                          | MOQ                         | 10 piezas              |
| Número de modelo        | banco de energía pcb asamblea pcba fabricarr         | Espesor del tablero         | 0.1-5mm                |
| color                   | azul, rojo, verde, negro. amarillo                   | precio                      | \$ 0.1- \$ 10          |
| tipo de diseño          | requisito del cliente                                | Talla                       | 0.01m3-10m3            |

[Proveedor de PCB de placa de teclado china](#)



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

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





No. SZXEC1900530401

Date: 30 Mar 2019

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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<br>Thk<br>mic(mil) | SS/<br>DS/<br>DSO | Max        |        | Max  |       | Meets |     | C |
|---------------------------------------------------|---------------|---------------|-------------------------|-------------------|------------|--------|------|-------|-------|-----|---|
|                                                   | Min           | Min           |                         |                   | Area       | Solder | Oper | Flame | UL796 |     |   |
|                                                   | mm(in)        | mm(in)        |                         |                   | Diam       | Limits | Temp | Class | DSR   |     |   |
| 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)<br>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

|                      |              |              |           |    |            |     |   |     |     |     |   |
|----------------------|--------------|--------------|-----------|----|------------|-----|---|-----|-----|-----|---|
| <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                |

## Capacidad de procesamiento

### Capacidades 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 orificio perforado: 4mil

Tolerancia de agujero revestido: +/- 3mil

Blind / Vias enterradas (tipos All): Sí

Vía relleno (conductor, no conductor): Sí

Material base: FR-4, material libre de halógenos de alta Tg. FR-4, Rogers, base de aluminio,Poliimida,  
Cobre pesado

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

## **Capacidades de producción SMT**

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

Tamaño máximo de PCB: 510x460 mm

Tamaño mínimo de PCB: 50x50mm

Grosor de PCB: 0.5mm-4.5mm

Grosor del tablero: 0.5-4 mm

Tamaño mínimo de componentes: 0201

Componente de tamaño de chip estándar: 0603 y más grande

Altura máxima del componente: 15 mm

Paso de plomo mínimo: 0.3 mm

Paso mínimo de bola BGA: 0.4 mm

Precisión de colocación: +/- 0.03 mm