# Benvenuto in O-Leading

Siamo produttori di PCB professionali con oltre dieci anni di esperienza. Gamma di prodotti: PCB singolo, doppio lato, multistrato, PCB flessibile e MCPCB. Siamo in grado di fornire un servizio prototipo rapido: S / S in 24 ore, 4-8 giocatori in 48-96 ore lavorative di produzione.
(Produttore cinese di PCB Golden Fingers)

LAMIERA FORI RAME MINIMO .025 AVG, .020 MIN. I FORI NON POSSONO ESSERE COLLEGATI

Confezione con pellicola a bolle trasparente incolore, 25 pezzi / sacchetto, mettere l'essiccante nel fianco, mettere la scheda dell'indicatore di umidità sul lato superiore

Clicca qui per maggiori informazioni:

# Descrizione del prodotto

- Produttore di PCB Assembly China

| | |
|---|---|
| P / N PCB | O-LEADING33689 |
| Conteggio dei livelli | 2L |
| Materiale | FR-4 |
| Board thk | 1,60 millimetri |
| thk di rame | 1/1 oncia |
| Dimensione del foro più piccola | 0.2MM |
| Numero di fori (pezzi) | 30 |
| Controllo di impedenza. S / N (% Tol) | N |

# La nostra squadra

O-LEADING
To Be Reliable, To Be Valuable

# certificazioni

## Quality Management System Certificate

This is to certify that
(Organization Code Certificate : 61691591-000-07-16-8)

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

ROOM 603D, 6/F HANG PONT COMMERCIAL BUILDING, 31 TONKIN ST., CHEUNG SHA WAN, KL, HK

has been established the quality management system meeting the requirements of standard

**GB/T19001-2008/ISO9001:2008**

**Scope:**

**Certification Address:** Room 1313, Fortune Building, Nanheng West Road, Huiyang District, Huizhou, Guangdong, China

**Certification Activities:** Sales and services of printed circuit boards

**Certificate No.: 51816Q01163R0S**

**Issued Date :** 2016-11-17 **Valid to :** 2018-09-15

**Initial Issued Date :** 2016-11-17 **Renewal Date :** ***

GM

CICC INSPECTION CERTIFICATION

CICC CERTIFICATION 嘉泰认证

## QUALITY MANAGEMENT SYSTEM CERTIFICATE

Certificate No: 18118Q10347R0S

**We hereby certify that**

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

Credit No: 61691591-000-07-17-2

Registration Add:ROOM 603D,6/F HANG PONT COMMERCIAL BUILDING,31 TONKIN ST,CHEUNG SHA WAN,KL,HK

Business Add:1313,Floor 13,Fortune Building,Danshui Town,Huiyang District, Huizhou,Guangdong,China

Has implemented and maintains a **Quality Management System**
Which fulfils 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
This certificate is valid during: February 27, 2018 — February 26, 2021
This certificate is invalid without CICC qualified label in the following period

| First supervision and audit | Qualified mark | Second supervision and audit | Qualified mark |
|---|---|---|---|

The certification registration scope doesn't include those product/service scopes which fail to be covered by the relevant effective administration permission and qualification permission regulated by the state.
The effectiveness of this certificate shall be validated by annual surveillance audit of CICC the certificate shall be valid that used together with the surveillance audit conclusion.
The related information of this certification can be searched at the portal
On the site of company www.cicc-hk.com

CICC CERTIFICATION IAF CNAS

2017/2/6 ZPMV2.E490354 - Wiring, Printed - Component

UL ONLINE CERTIFICATIONS DIRECTORY

**ZPMV2.E490354**
**Wiring, Printed - Component**

For enhanced search functionality, please visit UL's iQ™ Family of Databases.
Click on a product designation for complete information.
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### Wiring, Printed - Component

See General Information for Wiring, Printed - Components

**O-LEADING SUPPLY CHAIN CO LIMITED** E490354
Fortune Building, Nanheng West Road
Room 1313
Huizhou, Guangdong 516211, CHINA

| | Cond Width | | | | Max | | | Max | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Min | Cond | SS/ | Area | Solder | | Oper | | Meets | C |
| | Min | Edge | Thk | DS/ | Diam | Limits | | Temp | Flame | UL796 | T |
| Type | mm(in) | mm(in) | mic(mil) | DSO | mm(in) | C | sec | C | 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:135 | DS | 50.8 (2.0) | 260 | 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 | 69.8 (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 | - |

* - 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.
Last Updated on 2017-01-27

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SGS

**Test Report** No. CANEC1805164701 Date: 03 Apr 2018 Page 2 of 6

Test Results :

Test Part Description :

| Specimen No. | SGS Sample ID | Description |
|---|---|---|
| SN1 | CAN18-051647.001 | 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, 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 | 001 |
|---|---|---|---|---|
| Cadmium (Cd) | 100 | mg/kg | 2 | ND |
| Lead (Pb) | 1,000 | mg/kg | 2 | 9 |
| Mercury (Hg) | 1,000 | mg/kg | 2 | ND |
| Hexavalent Chromium (CrVI) | 1,000 | mg/kg | 8 | ND |
| Sum of PBBs | 1,000 | mg/kg | - | ND |
| Monobromobiphenyl | - | mg/kg | 5 | ND |
| Dibromobiphenyl | - | mg/kg | 5 | ND |
| Tribromobiphenyl | - | 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 |
| Tribromodiphenyl ether | - | mg/kg | 5 | ND |
| Tetrabromodiphenyl ether | - | mg/kg | 5 | ND |
| Pentabromodiphenyl ether | - | mg/kg | 5 | ND |

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Member of the SGS Group (SGS SA)

# Imballaggio e consegna

| | |
|---|---|
| dettagli sul confezionamento | 16 anni produttore professionale di schede PCB OEM |
| Dettaglio di consegna | 7-12days |

# FAQ

1. In che modo O-Leading garantisce la qualità? Produttore di PCB in alluminio Cina
Il nostro elevato standard di qualità è raggiunto con quanto segue.
1.Il processo è rigorosamente controllato secondo gli standard ISO 9001: 2008.
2. Ampio utilizzo di software nella gestione del processo di produzione
3. Attrezzature e strumenti di collaudo all'avanguardia. Per esempio. Sonda volante, ispezione a raggi X, AOI (Automated Optical Inspector) e ICT (test in-circuit).
4.Dedicato team di controllo qualità con processo di analisi dei casi di fallimento
5. Formazione e formazione continua del personale

2. In che modo O-Leading mantiene il tuo prezzo competitivo?
Nell'ultimo decennio, i prezzi di molte materie prime (ad es. Rame, prodotti chimici) sono raddoppiati, triplicati o quadruplicati; La valuta cinese RMB si è apprezzata del 31% rispetto al dollaro USA; E anche il nostro costo del lavoro è aumentato in modo significativo. Tuttavia, O-Leading ha mantenuto costanti i nostri prezzi. Questo appartiene interamente alle nostre innovazioni nel ridurre i costi, evitare gli sprechi e migliorare l'efficienza. I nostri prezzi sono molto competitivi nel settore allo stesso livello di qualità. Crediamo in una partnership vantaggiosa per tutti con i nostri clienti. La nostra partnership sarà reciprocamente vantaggiosa se possiamo offrirti un vantaggio in termini di costi e qualità.

3. Quali tipi di schede possono elaborare O-Leading?
Schede comuni FR4, high-TG e senza alogeni, Rogers, Arlon, Telfon, schede a base di alluminio / rame, PI, ecc.

4. Quali dati sono necessari per la produzione di PCB?
È meglio fornire i dati nel formato Gerber 274-X. Inoltre, è possibile elaborare anche Cam350, CAD, Protel 99se, PADS, DXP ed Eagle.

5. Qual è il flusso di processo tipico per PCB multistrato?
Taglio del materiale → Pellicola a secco interna → attacco interno → AOI interno → Multi-bond → Strato impilato verso l'alto Pressatura → Foratura → PTH → Placcatura pannello → Pellicola asciutta esterna → Placcatura a motivo → Incisione esterna → AOI esterno → Maschera di saldatura → Contrassegno componente → Finitura superficiale → Instradamento → E / T → Controllo visivo.