# Bienvenue chez O-Leading

Nous sommes un fabricant professionnel de PCB avec plus de dix ans d'expérience. Gamme de produits - PCB simple face, double face, multicouche, PCB flexible et MCPCB.Nous pouvons fournir un service de prototypage rapide - S / S en 24 heures, 4-8 couches en 48-96 heures de travail.

PLAQUE DE CUIVRE TROUS MINIMUM .025 AVG, .020 MIN .. LES TROUS NE PEUVENT PAS ÊTRE PLUGGÉS

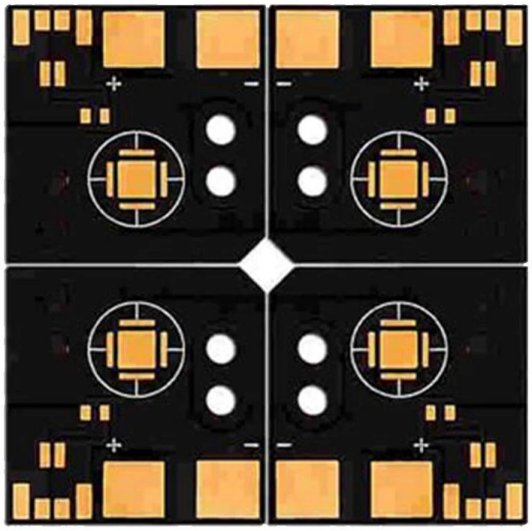
Pack avec film à bulles transparent incolore, 25 PCS / sac, mettre le dessiccant sur le flanc, mettre la carte d'indicateur d'humidité sur le dessus

VEUILLEZ CLIQUER ICI POUR PLUS D'INFORMATIONS: Immersion Gold manufacturer china

# Description du produit

| | |
|---|---|
| PCB P / N | Q501805-A |
| Nombre de couches | 2L |
| Matériel | Céramique de base |
| Board thk | 0,50 mm |
| cuivre thk | 1 / 1oz |
| Taille de trou la plus petite | 1,6 mm |
| Nombre de trous (pcs) | 4 |
| ligne w / s | / |
| Contrôle d'impédance. O / N (Tol%) | N |
| Finition de surface | ENIG |
| Masque de soudure Sérigraphie | N / A |
| Taille de carte unique | Dim X (mm): 109; Dim Y (mm): 50 |
| Panelisation | Dim X (mm): 109; Dim Y (mm): 50; Nombre d'UPS: 1 |
| Spécial | N |
| Routage / poinçonnage | CNC |

O-LEADING
To Be Reliable, To Be Valuable



www.o-leading.com

Fabricant de CARTE DE CUIVRE LOURD Chine

## Notre équipe

O-LEADING
To Be Reliable, To Be Valuable

## Certifications

## 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.
Page Bottom

### 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

Questions? Print this page Terms of Use Page Top

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)

## Emballage et livraison

| | |
|---|---|
| Détails de l'' emballage | 16 ans de fabricant professionnel de circuits imprimés OEM |
| détail de livraison | 7-12 jours |

## FAQ

1. Comment O-Leading garantit-il la qualité? (Prototype PCB Assembly Company Chine)
Notre norme de qualité élevée est atteinte avec les éléments suivants.
1.Le processus est strictement contrôlé selon les normes ISO 9001: 2008.
2.Utilisation intensive des logiciels dans la gestion du processus de production
3. équipements et outils de test de pointe. Par exemple. Flying Probe, X-ray Inspection, AOI (Automated Optical Inspector) and ICT (in-circuit testing).
4. Équipe d'assurance qualité dédiée avec processus d'analyse des cas de défaillance
5.Formation et éducation continues du personnel

2. Comment O-Leading maintient-il votre prix compétitif?
Au cours de la dernière décennie, les prix de nombreuses matières premières (par exemple le cuivre, les produits chimiques) ont doublé, triplé ou quadruplé; Le RMB de la monnaie chinoise s'est apprécié de 31% par rapport au dollar américain; Et notre coût de main-d'œuvre a également augmenté de manière significative. Cependant, O-Leading a maintenu nos prix stables. Cela est entièrement dû à nos innovations pour réduire les coûts, éviter les gaspillages et améliorer l'efficacité. Nos prix sont très compétitifs dans l'industrie au même niveau de qualité.
Nous croyons en un partenariat gagnant-gagnant avec nos clients. Notre partenariat sera mutuellement bénéfique si nous pouvons vous fournir un avantage sur le coût et la qualité.

3. Quels types de planches le processus O-Leading peut-il traiter?
Cartes FR4, à TG élevé et sans halogène, Rogers, Arlon, Telfon, cartes à base d'aluminium / cuivre, PI, etc.

4. Quelles données sont nécessaires pour la production de PCB?
Il est préférable de fournir les données au format Gerber 274-X. De plus, Cam350, CAD, Protel 99se, PADS, DXP et Eagle peuvent également être traités.

5. Quel est le flux de processus typique pour les PCB multicouches?
Découpe de matériau → Film sec intérieur → gravure intérieure → AOI intérieur → Multi-bond → Empilement de couches Pressage → Perçage → PTH → Placage de panneau → Film sec extérieur → Placage de motifs → Gravure extérieure → AOI extérieur → Masque de soudure → Marque de composant → Finition de surface → Routage → E / T → Inspection visuelle.