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| □□□THK | 0.80mm |
| □THK | 1 / 1oz |
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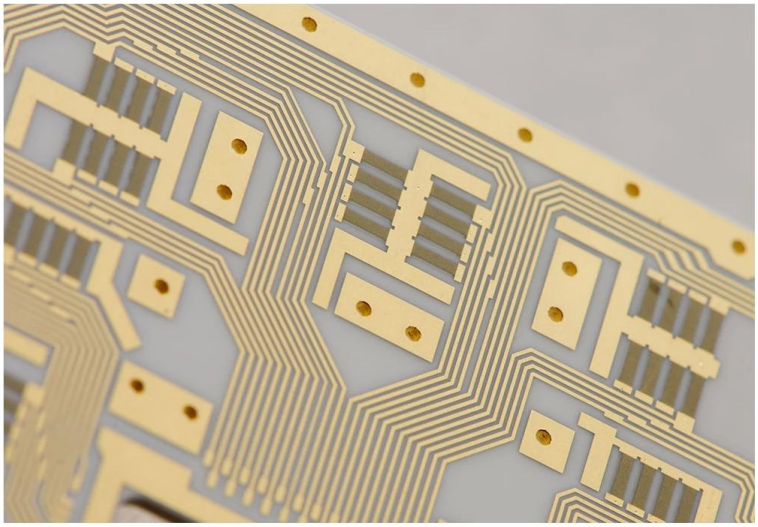
O-LEADING

To Be Reliable, To Be Valuable



www.o-leading.com

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O-LEADING
To Be Reliable, To Be Valuable

## 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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Attention: To verify authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
Member of the SGS Group (SGS SA)

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