

## Welcome to O-leading

We are a professional PCB manufacturer with more than ten years of experience. Product range: single-sided, double-sided, multilayer PCB, flexible PCB and MCPCB. We can provide a rapid prototyping service: S / S in 24 hours, 4-8 units in 48-96 production hours.

MINIMUM COPPER PLATE HOLES .025 AVG, .020 MIN .. HOLES CAN NOT BE CONNECTED

Packaged with clear bubble colorless film, 25 pieces / bag, place the desiccant on the side, place the moisture indicator on top

CLICK HERE FOR MORE INFORMATION : [Ceramic PCB manufacturer china](#)

## Product description

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PCB P / N	Q503701-A
Counting layers	2L
material	BASE ceramics
Board of directors	0.55 mm
copper thk	1/1 oz
Smallest hole size	1.6mm
Number of holes (pieces)	4
line w / s	/
Impedance check S / N (Tol%)	N
Surface finish	Electric silver
Silkscreen welding mask	green
Simple dimensions	Dim X (mm): 109; Dim Y (mm): 50
Panelisation	Dim X (mm): 109; Dim Y (mm): 50; UPS No: 1
Special: peelable mask	N
Routing / Punching	CNC

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

Ceramic Flash Gold wholesales

Our team







Certifications



**QUALITY MANAGEMENT SYSTEM CERTIFICATE**  
 Certificate No: 16118Q10347R05

**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, Danstui 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  
 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
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The certification registration scope shall include those products/services scopes which fall to be covered by the relevant effective administrative permission and qualification permission required by the state. The effectiveness of this certificate shall be evaluated by annual surveillance audit of CICC. The certificate shall be valid when used together with the surveillance audit conclusion. The related information of this certification can be searched at the public website of company www.cicc.com.cn.

201726 201VZL430354 - Wiring, Printed - Component

**UL ONLINE CERTIFICATIONS DIRECTORY**

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

For enhanced search functionality, please visit [UL's Global 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** 4190354  
 Fortune Building, Nanheng West Road  
 Room 1313  
 Huizhou, Guangdong 516211, CHINA

Type	Cond Width			SS/ DS/ Diam	Area	Solder		Diper		Flame	RoHS	C
	Min	Max	Min			Max	Temp	Class				
Hub/Bayer (mass laminate) printed wiring boards.												
<b>O-LEADING-401</b>	0.2 (0.004)	0.3 (0.012)	34 (1.34)	D6	12.7 (0.5)	260	10	130	V-0	-	-	-
<b>O-LEADING-407</b>	0.08 (0.003)	0.2 (0.008)	17 (0.67)	D5	9.2 (0.4)	260	10	170	V-0	NI	-	-
Hub/Bayer printed wiring boards.												
<b>O-LEADING-408</b>	0.125 (0.005)	0.125 (0.005)	12 (0.47) 31(1.25)	D6	50.8 (2.0)	260	20	130	V-0	NI	-	-
Single layer printed wiring boards.												
<b>O-LEADING-002</b>	0.76 (0.015)	1.14 (0.045)	34 (1.34)	S5	19.1 (0.8)	260	10	105	V-0	NI	-	-
<b>O-LEADING-003</b>	0.38 (0.015)	1.14 (0.045)	34 (1.34)	S5	19.1 (0.8)	260	10	130	V-0	▲	-	-
<b>O-LEADING-033</b>	0.15 (0.006)	0.3 (0.012)	34 (1.34)	S5	25.4 (1.0)	260	10	120	V-0	NI	-	-
<b>O-LEADING-205</b>	0.1 (0.004)	0.3 (0.012)	34 (1.34)	D6	69.6 (2.7)	260	10	130	V-0	NI	-	-
<b>O-LEADING-206</b>	0.15 (0.006)	0.33 (0.013)	17 (0.67)	D5	69.6 (2.7)	260	10	130	V-0	NI	-	-

\* - 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](#)

[http://www.ul.com/onlinecertifications/201VZL430354/Wiring,Printed-Component](#)



**Test Report** No. CAVEC1805164701 Date: 03 Apr 2018 Page 2 of 8

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 62321-4:2014+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.

Test Item(s)	Limit	Unit	MDL	Det
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



SGS is pleased to announce the launch of its new online certification directory. This directory is available to all clients of SGS Certification. The directory is a comprehensive and up-to-date listing of all SGS certified products and services. It provides a convenient and easy-to-use platform for clients to search for products and services that meet their specific requirements. The directory is available in multiple languages and is accessible from any computer or mobile device. For more information, please contact your SGS representative or visit our website at [www.sgs.com](#).

Member of the SGS Group (SGS SA)



## Packaging & delivery

Packaging details	Professional manufacturer of PCB boards for 16 years ( <a href="#">CERAMIC WAFER manufacturer china</a> )
Delivery detail	7-12days



## FAQ

1. How does O-Leading guarantee quality?

Our high quality standard is obtained with the following.

1. The process is strictly controlled in accordance with ISO 9001: 2008 standards.
2. Extensive use of software in the management of the production process
3. cutting-edge test tools and tools. For example. Flying Probe, X-ray inspection, AOI (Automated Optical Inspector) and ICT (circuit test).
4. Quality assurance team specified with fault case analysis process
5. Staff training and continuous training

2. How does O-Leading maintain the competitive price?

In the last decade, the prices of many raw materials (for example, copper, chemicals) had doubled, tripled or quadrupled; The Chinese currency RMB appreciated 31% against the US dollar; And our labor costs also increased significantly. However, O-Leading has kept our prices constant. It's all about our innovations to reduce costs, avoid waste and improve efficiency. Our prices are very competitive in the industry with the same level of quality.

We believe in a partnership of mutual benefit with our customers. Our partnership will be mutually beneficial if we can offer you an advantage in terms of cost and quality.

3. What types of cards can the O-Leading process make?

FR4 common, high TG and halogen-free boards, Rogers, Arlon, Telfon, aluminum / copper plates, PI, etc.

4. What data are needed for PCB production?

It is better to provide data in the Gerber 274-X format. In addition, Cam350, CAD, Protel 99se, PADS, DXP and Eagle can also be processed.

5. What is the typical process flow for multi-layer PCB?

Cut material → inner dry film → internal engraving → internal AOI → Multi-bond → overlapping pressing layers → Drilling → PTH → Plating → external dry film → Plating → external engraving → AOI → external welding mask → COD component → Finishing surface → Routing → E / T → Visual inspection.