

Welcome to O-leading

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

[\(Manufacturer of heavy copper porcelain\)](#)

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

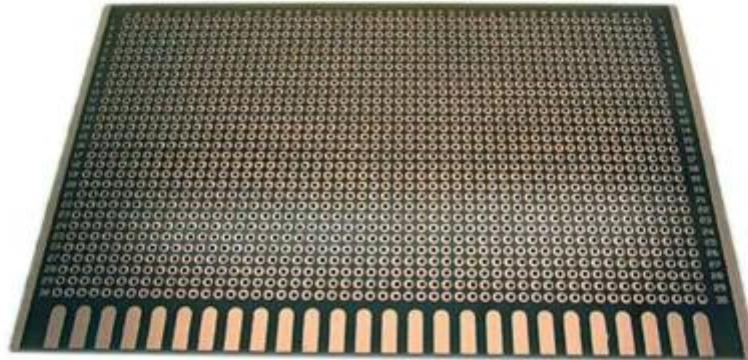
Package with colorless transparent bubble film, 25 pieces / bag, put the desiccant on the side, put the humidity indicator board on the upper side

CLICK HERE FOR MORE DETAILED INFORMATION:

Product description

PCB P / N	LE-150
Counting layers	1L
Material	Basic ceramics
Board of Directors	3.2 mm
thk of copper	1 oz
Smallest hole size	/
Number of holes (pieces)	/
line w / s	/
S / N impedance check (Tol%)	N
Surface finish	ENIG (Au: 0.05um)
Silkscreen welding mask	Black White
Single dimensions	Dim X (mm): 27; Dim Y (mm): 45
Panelisation	Dim X (mm): 27; Dim Y (mm): 135; UPS no: 3
Special: peelable mask	N
Routing / Punching	Countersunk CNC screw +

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www.o-leading.com

[PCB manufacturer with China copper base](#)

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 inspection scope does't include those production services scope which fail 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.

CICC IAF CNAS

201726 ZPMV2.E490354 - Wiring, Printed - Component



ONLINE CERTIFICATIONS DIRECTORY

ZPMV2.E490354
Wiring, Printed - Component

For enhanced search functionality, please visit UL's [online 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

Fortune Building, Nanheng West Road
Room 1313
Huizhou, Guangdong 516211, CHINA

E490354

	Cond Width			SS/ DS/ Diam	Max Area	Solder		Temp	Flame	RoHS	C
	Min Edge	Cond	Thk			Limits	Dper				
Typ	max(in)	mm(in)	mic(mil)	DSO	mm(in)	C	sec	C	Class	DSR	I
Multi-layer (mass laminate) printed wiring boards.											
O-LEADING-401											
	0.2 (0.004)	0.3 (0.012)	34 (1.34)	D6	12.7 (0.5)	260	10	130	V-0	-	-
O-LEADING-407											
	0.08 (0.003)	0.2 (0.008)	17 (0.67)	D5	9.2 (0.4)	260	10	170	V-0	NI	-
Multi-layer printed wiring boards.											
O-LEADING-408											
	0.125 (0.005)	0.125 (0.005)	12 (0.47) min:1.35	D6	50.8 (2.0)	260	20	130	V-0	NI	*
Single layer printed wiring boards.											
O-LEADING-002											
	0.76 (0.015)	1.14 (0.045)	34 (1.34)	S5	19.1 (0.8)	260	10	105	V-0	NI	-
O-LEADING-003											
	0.38 (0.015)	1.14 (0.045)	34 (1.34)	S5	19.1 (0.8)	260	10	130	V-0	▲	-
O-LEADING-033											
	0.15 (0.006)	0.3 (0.012)	34 (1.34)	S5	25.4 (1.0)	260	10	120	V-0	NI	-
O-LEADING-205											
	0.1 (0.004)	0.3 (0.012)	34 (1.34)	D6	69.6 (2.7)	260	10	130	V-0	NI	-
O-LEADING-206											
	0.15 (0.006)	0.33 (0.013)	17 (0.67)	D6	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/onlinecertificationsdirectory/Products/ZPMV2.E490354/Wiring,Printed-Component](#) 10



Test Report

No. CANEC1805164701

Date: 03 Apr 2018

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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 Items	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 shall not be held responsible for any errors or omissions in this report. The user of this report shall be responsible for the accuracy of the data and the results of the tests. The user of this report shall be responsible for the interpretation of the results of the tests. The user of this report shall be responsible for the use of the results of the tests. The user of this report shall be responsible for the use of the results of the tests.

Member of the SGS Group (SGL SA)

Packing & Delivery

details on the packaging	Professional manufacturer of PCB boards for 16 years
Delivery detail	7-12days



FAQ

PCB with copper filling wholesale trade

1. How does O-Leading guarantee quality?

Our high quality standard is obtained with the following.

1. The process is strictly controlled according to ISO 9001: 2008 standards.
2. Extensive use of software in the management of the production process
3. Cutting-edge testing tools and tools. For example. Flying Probe, X-ray Inspection, AOI (Automated Optical Inspector) and ICT (in-circuit test).
4. Specified quality assurance team with failure case analysis process
5. Training and continuous training of personnel

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

In the last decade, the prices of many raw materials (eg copper, chemicals) had doubled, tripled or quadrupled; The RMB Chinese currency had appreciated 31% against the US dollar; And our labor costs have also increased significantly. However, O-Leading has kept our prices constant. This is all about our innovations in reducing costs, avoiding waste and improving efficiency. Our prices are very competitive in the industry at the same level of quality.

We believe in a win-win partnership 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 do?

FR4 common, high TG and halogen-free boards, Rogers, Arlon, Telfon, aluminum / copper boards, 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 multilayer PCBs?

Cutting material → Internal dry film → Internal etching → Internal AOI → Multi-bond → Layer overlapping Pressing → Drilling → PTH → Plating → External dry film → Plating → External engraving → External AOI → Welding mask → Component mark → Finishing surface → Routing → E / T → Visual inspection.