

Welcome to O-leading

We are professional PCB manufacturer with more than ten years experiences . Products range-single, double side ,multi-layer PCB ,flexible PCB and MCPCB.We can provide fast prototype service - S/S in 24hrs , 4-8layers in 48-96 working hrs production time.

COPPER PLATE HOLES MINIMUM .025 AVG, .020 MIN.. HOLES MAY NOT BE PLUGGED

Pack with colorless transparent bubble film ,25 PCS/ bag, put desiccant in flank, put humidity indicator card on top side

Product Description

COPPER PLATE HOLES MINIMUM .025 AVG, .020 MIN.. HOLES MAY NOT BE PLUGGED

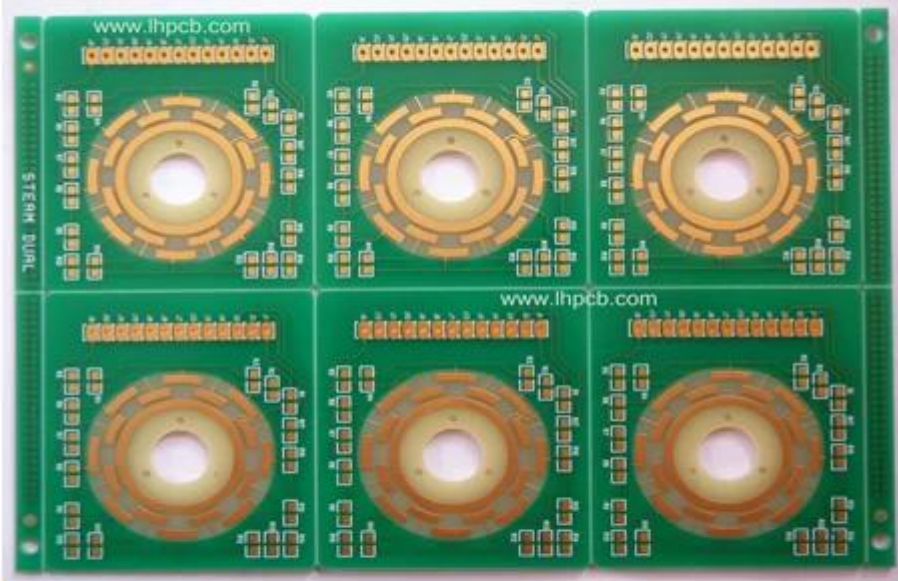
•Special requirement:ENIG, Hard gold thickness: 4UM, Impedance: Tol: +/-7%, the deviation of the impedance in the same layer must not exceed +/- 20hm, Back drill, Rotated 7 degree.

Pack with colorless transparent bubble film ,25 PCS/ bag, put desiccant in flank, put humidity indicator card on top side

Layer structure

Lyr	Image	Foil	Flame
COMP		0.5oz	Foil 1/2oz
			R-5670(G) 3313 RC54%
L2		0.5oz	
L3		0.5oz	R-5775(G) 0.150mm H/H 37"*49"(1080*2)(RTF)
			R-5670(G) 1078 RC68%
			R-5670(G) 1035 RC70%
L4		0.5oz	
L5		0.5oz	R-5775(G) 0.150mm H/H 37"*49"(1080*2)(RTF)
			R-5670(G) 1078 RC68%
			R-5670(G) 1035 RC70%
L6		0.5oz	
L7		0.5oz	R-5775(G) 0.150mm H/H 37"*49"(1080*2)(RTF)
			R-5670(G) 1078 RC68%
			R-5670(G) 1035 RC70%
L8		0.5oz	
L9		2oz	R-5775(G) 0.140mm H/2 37"*49"(1078*2)(RTF)
			R-5670(G) 2116 RC54%
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L10		2oz	
L11		0.5oz	R-5775(G) 0.140mm H/2 37"*49"(1078*2)(RTF)
			R-5670(G) 1035 RC70%
			R-5670(G) 1078 RC68%
L12		0.5oz	
L13		0.5oz	R-5775(G) 0.150mm H/H 37"*49"(1080*2)(RTF)
			R-5670(G) 1035 RC70%
			R-5670(G) 1078 RC68%
L14		0.5oz	
L15		0.5oz	R-5775(G) 0.150mm H/H 37"*49"(1080*2)(RTF)
			R-5670(G) 1035 RC70%
			R-5670(G) 1078 RC68%
L16		0.5oz	
L17		0.5oz	R-5775(G) 0.150mm H/H 37"*49"(1080*2)(RTF)
			R-5670(G) 3313 RC54%
SOLD		0.5oz	Foil 1/2oz

O-LEADING
To Be Reliable, To Be Valuable



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[HDI pcb Printed circuit board, china pcb manufacture](#)

Our Team





Certifications



201726 201VZL430354 - Wiring, Printed - Component



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 4190354

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Huizhou, Guangdong 516211, CHINA

	Cond Width			SS/ DS/	Area Diam	Solder		Temp	Flame	RoHS	C
	Min	Max	Min			Max	Class				
Typ	mm(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	130	V-0	NI	-
Multi-layer printed wiring boards.											
O-LEADING-408											
	0.125 (0.005)	0.125 (0.005)	12 (0.47) min:1.25	D6	50.8 (2.0)	260	20	130	V-0	NI	*
Single layer printed wiring boards.											
O-LEADING-002											
	0.76 (0.03)	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)	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

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http://www.ul.com/onlinecertifications/UL60716RMS/430354/Print/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, 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	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 'Green' product line. This line is designed to meet the needs of customers who are looking for products that are both high quality and environmentally friendly. The 'Green' line is made from 100% recycled materials and is free of harmful substances. It is also designed to be energy efficient and to have a long life span. For more information, please visit our website at www.sgs.com.

Member of the SGS Group (SGS SA)

Packaging & Delivery

Packaging Details	16 years professional OEM pcb board manufacturer
Delivery Detail	7-12days

[GOLDEN FINGER BOARD supplier](#)



FAQ

1. How do O-Leading ensure quality?

Our high quality standard is achieved with the following.

- 1.The process is strictly controlled under ISO 9001:2008 standards.
- 2.Extensive use of software in managing the production process
- 3.State-of-art testing equipments and tools. E.g. Flying Probe, X-ray Inspection, AOI (Automated Optical Inspector) and ICT (in-circuit testing).
- 4.Dedicated quality assurance team with failure case analysis process
- 5.Continuous staff training and education

2. How do O-Leading keep your price competitive?

Over the last decade, prices of many raw materials (e.g. copper, chemicals) had doubled, tripled or quadrupled; Chinese currency RMB had appreciated 31% over US dollar; And our labor cost also increased significantly. However, O-Leading have kept our pricing steady. This owns entirely to our innovations in reducing cost, avoiding wastes and improving efficiency. Our prices are very competitive in the industry at the same quality level.

We believe in a win-win partnership with our customers. Our partnership will be mutually beneficial if we can provide you an edge on cost and quality.

3. What kinds of boards can O-Leading process?

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

4. What data are needed for PCB production?

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

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

Material cutting → Inner dry film → inner etching → Inner AOI → Multi-bond → Layer stack up
Pressing → Drilling → PTH → Panel Plating → Outer Dry Film → Pattern Plating → Outer etching →
Outer AOI → Solder Mask → Component Mark → Surface finish → Routing → E/T → Visual Inspection.