

# O-leading PCB PCB MCPCB.

## MCPCB PCB PCB

10 PCB PCB. PCB - PCB, PCB, PCB, PCB MCPCB. PCB PCB PCB PCB PCB PCB - 24 S / S, 48-96 PCB PCB 4-8 PCB.

PCB PCB .025 AVG, .020 MIN .. PCB PCB PCB PCB

PCB PCB PCB, 25 PC / bag, PCB PCB PCB, PCB PCB PCB PCB

PCB PCB PCB PCB PCB : [MCPCB PCB PCB](#)

## PCB PCB

PCB P / N	Q56253-H
PCB PCB	2 PCB
PCB	FR-4
PCB 1 PCB	1.60mm
PCB thk	1 / 1oz
PCB PCB PCB PCB	1.6mm
PCB PCB (PCB)	668
PCB PCB. Y / N (Tol %)	PCB

**O-LEADING**  
To Be Reliable, To Be Valuable



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

[DCB PCB PCB PCB](#)







**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 PONG 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 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
-----------------------------	----------------	------------------------------	----------------

The certification registration scope does not include the products/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 www.cicc.com.cn.

201726      201VQ2E40354 - Wiring, Printed - Component

**UL ONLINE CERTIFICATIONS DIRECTORY**

**ZPMV2.E400354**  
Wiring, Printed - Component

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

Cond Width		D50		D55		D60		D65		D70		D75		D80		D85		D90		D95		D100	
Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
mm(in)	mm(in)	mm(in)	mm(in)	mm(in)	mm(in)	mm(in)	mm(in)	mm(in)	mm(in)	mm(in)	mm(in)	mm(in)	mm(in)	mm(in)	mm(in)	mm(in)	mm(in)	mm(in)	mm(in)	mm(in)	mm(in)	mm(in)	mm(in)
<b>Hull/layer (mass laminate) printed wiring boards.</b>																							
<b>D-LEADING-401</b>																							
0.2 (0.004)	0.3 (0.012)	34 (1.34)	DS	12.7 (0.5)	260	10	130	Y-0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>D-LEADING-407</b>																							
0.08 (0.003)	0.2 (0.008)	17 (0.67)	DS	9.7 (0.4)	260	10	130	Y-0	NI	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Hull/layer printed wiring boards.</b>																							
<b>D-LEADING-408</b>																							
0.125 (0.005)	0.125 (0.005)	12 (0.47) to 1.35	DS	50.8 (2.0)	260	20	130	Y-0	NI	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Single layer printed wiring boards.</b>																							
<b>D-LEADING-002</b>																							
0.76 (0.03)	1.14 (0.045)	34 (1.34)	SS	19.1 (0.75)	260	10	105	Y-0	NI	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>D-LEADING-003</b>																							
0.38 (0.015)	1.14 (0.045)	34 (1.34)	SS	19.1 (0.75)	260	10	130	Y-0	▲	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>D-LEADING-033</b>																							
0.15 (0.006)	0.3 (0.012)	34 (1.34)	SS	25.4 (1.0)	260	10	120	Y-0	NI	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>D-LEADING-205</b>																							
0.2 (0.004)	0.3 (0.012)	34 (1.34)	DS	69.6 (2.7)	260	10	130	Y-0	NI	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>D-LEADING-206</b>																							
0.15 (0.006)	0.33 (0.013)	17 (0.67)	DS	69.6 (2.7)	260	10	130	Y-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/onlinecert/qci/qci.html?cert=ZPMV2.E400354&category=Wiring,Printed-Component&id=19](#)

**SGS**

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

Test Results:

Test Part Description:

**Specimen No.**    **SGS Sample ID**    **Description**  
SN1    CA18-051647.001    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
Mono-bromobiphenyl	-	mg/kg	5	ND
Oli-bromobiphenyl	-	mg/kg	5	ND
Tri-bromobiphenyl	-	mg/kg	5	ND
Tetra-bromobiphenyl	-	mg/kg	5	ND
Penta-bromobiphenyl	-	mg/kg	5	ND
Hexa-bromobiphenyl	-	mg/kg	5	ND
Hepta-bromobiphenyl	-	mg/kg	5	ND
Octa-bromobiphenyl	-	mg/kg	5	ND
Nona-bromobiphenyl	-	mg/kg	5	ND
Deca-bromobiphenyl	-	mg/kg	5	ND
Sum of PBDEs	1,000	mg/kg	-	ND
Mono-bromodiphenyl ether	-	mg/kg	5	ND
Di-bromodiphenyl ether	-	mg/kg	5	ND
Tri-bromodiphenyl ether	-	mg/kg	5	ND
Tetra-bromodiphenyl ether	-	mg/kg	5	ND
Penta-bromodiphenyl ether	-	mg/kg	5	ND

# □□ & □□

□□ □□ □□	16 □ □□ OEM pcb □□ □□ □□
□□ □□ □□	7-12 □



# □□□□ □□

## 1. O-Leading□ □□□ □□□□ □□□□?

□□□□ □□□□ □□□□ □□ □□ □□□□□.

- 1. □ □□□□□ ISO 9001 : 2008 □□□□ □□ □□ □□□□□.
- 2. □□ □□ □□□□□ □□□□□□ □□□□ □□
- 3.State-of-art □□□□ □□ □ □□. □ : □□□□ □□□□, X □ □□, AOI (□□ □□ □□□□) □ ICT (□□ □ □□□□).
- 4. □□ □□ □□ □□□□□ □□ □ □□ □□ □□ □□
- 5. □□□□ □□ □□ □ □□

## 2. O-Leading□ □□ □□□□ □□□□ □□□□?

□□ 10 □ □□ □□ □□□□ (□ : □□, □□ □□)□ □□□ □ □□, □ □ □□ □ □ □□□□□□. □□ □□ □□□□ □□ □□ 31 %□ □□□□ □□□□. □□ □□□□ □□ □□□□□□. □□□□ □□□□ □□□□□□□□□□. □□ □□ □□, □□□□ □□ □ □□□ □□□□ □□ □□□□ □□ □□□□ □□ □□□□. □ □□□ □□□□ □□□□ □□ □□□□ □□ □□□□ □□□□. □□□□ □□□□ □□ □□□□ □□□□ □□ □ □ □□□ □□□□□ □□ □□□□ □ □□□□.

## 3. O-Leading □□□□□ □□ □□□ □□ □ □ □□□□?

□□□□ FR4, □ TG □ □□□ □□ □□ □□, Rogers, Arlon, Telfon, □□□□ / □□ □□ □□, PI □

4. PCB 圖檔 輸出 圖檔 圖檔圖?

Gerber 274-X 圖檔 圖檔 圖檔 圖 圖 圖檔. 圖 Cam350, CAD, Protel 99se, PADS, DXP 圖 Eagle 圖 圖 圖 圖檔.

5. 圖 PCB 圖檔 圖 圖 圖檔圖?

圖 圖 → 圖 圖 圖 → 圖 圖 → 圖 AOI → 圖 圖 → 圖 → 圖 → 圖 → PTH → 圖 → 圖 圖 圖 → 圖 圖 → 圖 圖 → 圖  
圖 AOI → 圖 圖 → 圖 圖 → 圖 圖 → 圖 → E / T → 圖 圖.