

# O-leading

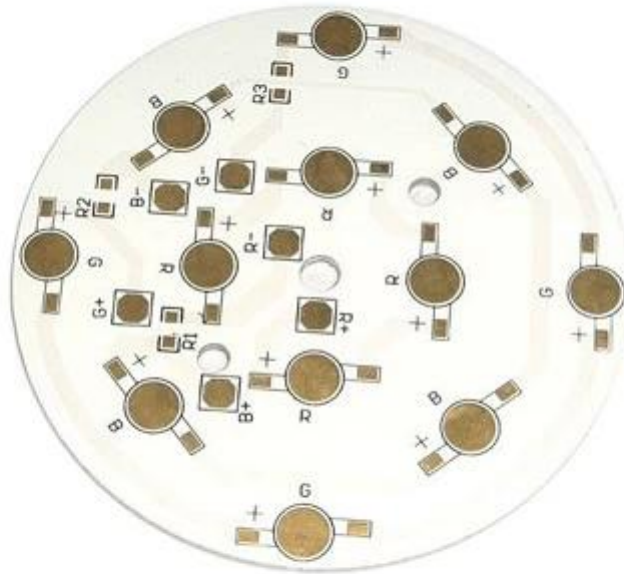
10 PCB PCB MCPCB 24 S / S 48 96  
 4 8

.025 AVG .020

25 PCS /

## 

PCB P / N	LC057-V1
	1L
THK	1.6mm
THK	11
	/
	/
w / s	15mil
Y / N	N
	ENIG Au 0.05um
	X mm 89; Y mm 175
	X mm 89; Y mm 175; UPS 1
	N
	CNC



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

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 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 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 the production services scope 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 website www.cicc.com.cn.

CICC IAF CNAS

201726

ZPMV2.E490354 - Wiring, Printed - Component



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

For enhanced search functionality, please visit UL's [UL Product Databases](#). Click on a product designation for complete information.

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**Wiring, Printed - Component**

[See General Information for Wiring, Printed - Components](#)

E490354

**O-LEADING SUPPLY CHAIN CO LIMITED**

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

Cond Width	Min		Cond	SS/ DS/ Diam	Area	Max		Flame	RoHS	C	
	Edge	Thk				Solder Limits	Diper				
Typ	max(in)	mm(in)	mic(mil)	DSO	mm(in)	C	sec	C	Class	DSR	I
<b>Multi-layer (mass laminate) printed wiring boards.</b>											
<b>D-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>D-LEADING-407</b>											
	0.08 (0.003)	0.2 (0.008)	17 (0.67)	D5	9.2 (0.4)	260	10	130	V-0	NI	-
<b>Multi-layer printed wiring boards.</b>											
<b>D-LEADING-408</b>											
	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	*
<b>Single layer printed wiring boards.</b>											
<b>D-LEADING-002</b>											
	0.76 (0.03)	1.14 (0.045)	34 (1.34)	D5	19.1 (0.8)	260	10	105	V-0	NI	-
<b>D-LEADING-003</b>											
	0.38 (0.015)	1.14 (0.045)	34 (1.34)	D5	19.1 (0.8)	260	10	130	V-0	▲	-
<b>D-LEADING-033</b>											
	0.15 (0.006)	0.3 (0.012)	34 (1.34)	D5	25.4 (1.0)	260	10	120	V-0	NI	-
<b>D-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>D-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

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[http://www.ul.com/ulcertification/UL60718RMS/ewg/ulcert/ZPMV2.E490354/condmfr/Wiring,Printed-Component/E490354-10](#)



**Test Report**

No. CANEC1805164701

Date: 03 Apr 2018

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Test Results:

**Test Part Description:**

**Specimen No.** SH1  
**SGS Sample ID** CAN18-051647.001  
**Description** Green "PCB"

**Remarks:**

- (1) 1 mg/kg = 1 ppm = 0.0001%
- (2) MDL = Method Detection Limit
- (3) ND = Not Detected (< MDL)
- (4) "r" = 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 that it has been awarded the ISO 9001:2015 certification for its services of testing, inspection, and certification. The certification is issued by the Bureau Veritas Certification Group. The certification is valid for the duration of the certificate, which is 3 years, and the certificate holder must undergo a surveillance audit every 12 months. The certificate holder must also undergo a recertification audit every 3 years. The certificate holder must maintain its quality management system in accordance with the requirements of the standard. The certificate holder must also maintain its quality management system in accordance with the requirements of the standard. The certificate holder must also maintain its quality management system in accordance with the requirements of the standard.

Member of the SGS Group (SGL SA)



274-X Cam350 CAD Protel 99se PADS DXP Eagle

5. PCB

→ AOI → PTH → E / T