Willkommen bei O-Leading

O-Leading hat sich zum Ziel gesetzt, Partner der One-Stop-Lösung in der EMS-Lieferkette zu sein, einschließlich PCB-Design, PCB-Herstellung und PCB-Bestückung (PCBA). Wir liefern einige der fortschrittlichsten PCB-Technologien, einschließlich HDI-PCBs, Multilayer-PCBs und starr-flexibler PCBs. Wir sind in der Lage, vom Rapid-Rotation-Prototyp bis zur Mittel- und Massenproduktion zu unterstützen. OEM Pcb Prototyp Hersteller China

Generell sind unsere globalen Kunden von unseren Dienstleistungen sehr beeindruckt: schnelle Reaktion, konkurrenzfähiger Preis und Qualitätsverpflichtung. Die Bereitstellung eines wertvolleren technischen Service und einer globalen Lösung ist die Art und Weise, wie O-Leader vorankommen.

Mit Blick auf die Zukunft wird sich O-Leading wie immer auf Innovation und die Entwicklung elektronischer Produktionstechnologien konzentrieren und sich ständig um einen PCB- und PCBA-Service aus einer Hand bemühen, um erstklassige Dienstleistungen zu erbringen und mehr Wert für unsere Kunden zu schaffen.

Produktbeschreibung

Schnelle Info

Herkunftsort	Guangdong, China (Festland)	Markierung	O-Führer
Grundmaterial	FR-4, Aluminium	Kupfer dicke	0,5 Unzen-5 Unzen
Min. Lochgröße	0,2 mm	Min. Linienbreite	0,2 mm
Oberflächengüte	Gold tauchen, OSP, bleifreies HASL	Min. Zeilenabstand	0,2 mm
anwendbar auf	LED, Handy, Klimaanlagen, Waschmaschinen	Zeichen	Industriesteuerungsplatine
bescheinigt	ISO9001, UL, RoHS, SGS	Q / CTN	10er-100PCS
Gewicht	0,01 kg -5 kg	MOQ	10 Stück
Modellnummer	pcba hersteller pcb montage energienbank	Dicke der Karte	0.1-5mm
Farbe	blau, rot, grün, schwarz. gelb	Preis	$ 0.1- $ 10
tippe desigh	Anforderung des Kunden	Größe	0.01m3-10m3

Herkunftsland:China Starrflexible Leiterplatte Hersteller

Produktionskapazität

16 Jahre professionelle Produktion von OEM-Leiterplatten

Artikel	2014		2015 ~ 2016		2017 ~ 2018	
	Volumen	Champion	Volumen	Champion	Volumen	Champion
Ebenen zählen	32	42	38	44	42	48
Zeilen / min Abstand (µm)	50/50	40/45	40/45	40/40	35/40	35/35
Loch min Durchmesser (mm)	00.15	00.10	00.15	00.10	00.15	00.10

Proportions von PTH	14: 1	16: 1	16: 1	18: 1	18: 1	20: 1
N + C + N	4 + C + 4	5 + C + 5	5 + C + 5	6 + C + 6	5 + C + 5	6 + C + 6
Beliebige Schichtverbindung	5 + 2 + 5	6 + 2 + 6	5 + 2 + 5	6 + 2 + 6	5 + 2 + 5	6 + 2 + 6
Plattenfüllung durch	JA	-	JA	-	JA	-
Min. Kerndicke (ohne Kupfer) (µm)	50	40	40	30	40	30
Min. Durchmesser des Laserbohrers (µm)	75	65	65	50	50	40
Straße begraben Loch / weg gestapelt	JA	-	JA	-	JA	-
Material	FR4, Megtron, Nelco, Rogers, schweres Kupfer usw.					
Eingebaute Kondensatorplatine	JA	-	JA	-	JA	-
Oberflächenprozess	Bleifreies HASL, ENIG, OSP, Immersionssilber, Immersionszinn, Blitzvergoldung, Vergoldung, selektive Hartvergoldung, Schweißbare Maske, Carbon-Tinte					

Unser Team

Factory PCB

Automatic vacuum press machine

Drilling Machine

Pattern Plating Machine

Scrubbing Machine

Developing Machine

Routing Machine

High-speed flying probe machine

E-test Machine

Factory SMT

Zertifizierungen

CICC CERTIFICATION
嘉泰认证

QUALITY MANAGEMENT SYSTEM CERTIFICATE

Certificate No: 18118Q10347R0S

We hereby certify that

O-LEADING SUPPLY CHAIN(HK) CO.,LIMITED

Credit No：61691591-000-07-18-7

Registration Add: FLAT/RM 1205 12/F TAI SANG BANK BUILDING 130-132 DES VOEUS ROAD CENTRAL HK

Business Add: 1313, Floor 13, Fortune Building, Danshui Town, Huiyang District, Huizhou, Guangdong, China

Has implemented and maintains a **Quality Management System**

Which fulfils the requirements of the following standards

GB/T19001-2016 idt ISO9001:2015

Scope of certification

Sales of printed circuit boards

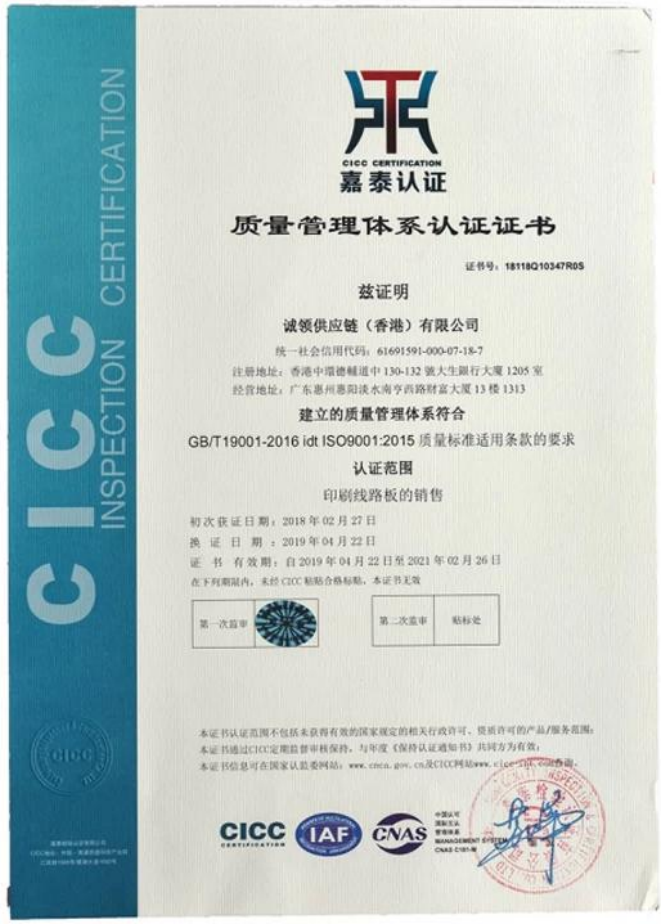
Initial Issuance period: February 27, 2018

Renewal date: April 22, 2019

This certificate is valid during: April 22, 2019 ～ February 26, 2021

This certificate is invalid without CICC qualified label in the following period

First supervision and audit		Second supervision and audit	Qualified mark



CICC CERTIFICATION
嘉泰认证

质量管理体系认证证书

证书号：18118Q10347R0S

兹证明

诚领供应链（香港）有限公司

统一社会信用代码：61691591-000-07-18-7

注册地址：香港中環德輔道中 130-132 號大生銀行大廈 1205 室

经营地址：广东惠州惠阳淡水南亨西路财富大厦 13 楼 1313

建立的质量管理体系符合

GB/T19001-2016 idt ISO9001:2015 质量标准适用条款的要求

认证范围

印刷线路板的销售

初次获证日期：2018 年 02 月 27 日

换 证 日 期 ：2019 年 04 月 22 日

证 书 有效期：自 2019 年 04 月 22 日至 2021 年 02 月 26 日

在下列期限内，未经 CICC 贴贴合格标贴，本证书无效

第一次监审		第二次监审	贴标处

O-LEADING SUPPLY CHAIN (HK) CO.,LIMITED

1313,FLOOR 13, FORTUNE BUILDING, DANSHUI TOWN, HUIYANG DISTRICT, HUIZHOU, GUANGDONG, CHINA

The following sample(s) was/were submitted and identified on behalf of the clients as : OSP

SGS Job No. :	RP19-005089 - SZ
Date of Sample Received :	22 Mar 2019
Testing Period :	22 Mar 2019 - 30 Mar 2019
Test Requested :	Selected test(s) as requested by client.
Test Method :	Please refer to next page(s).
Test Results :	Please refer to next page(s).
Conclusion :	Based on the performed tests on submitted sample(s), the results of Lead, Mercury, Cadmium, Hexavalent chromium, Polybrominated biphenyls (PBBs), Polybrominated diphenyl ethers (PBDEs) and Phthalates such as Bis(2-ethylhexyl) phthalate (DEHP) , Butyl benzyl phthalate (BBP), Dibutyl phthalate (DBP) , and Diisobutyl phthalate (DIBP) comply with the limits as set by RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU.

Signed for and on behalf of
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Tina

Tina Fan
Approved Signatory

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Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doucheck@sgs.com
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch
SGS Bldg, No.2, Jianghai Industrial Park, No.858, Jihua Road, Bantian, Longgang District, Shenzhen, China 518129 t (86 - 755) 25328888 f (86 - 755) 83106190 www.sgsgroup.com.cn
中国 · 深圳 · 龙岗区坂田吉华路430号江灏工业园4栋SGS大楼 邮编: 518129 t (86 - 755) 25328888 f (86 - 755) 83106190 e sgs.china@sgs.com
Member of the SGS Group (SGS SA)

Test Results :

Test Part Description :

Specimen No.	SGS Sample ID	Description
SN1	SZX19-005304.001	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 62321-4:2013+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	001
Cadmium (Cd)	100	mg/kg	2	ND
Lead (Pb)	1,000	mg/kg	2	8
Mercury (Hg)	1,000	mg/kg	2	ND
Hexavalent Chromium (Cr(VI))	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

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UL Product iQ™

ZPMV2.E490354 - WIRING, PRINTED - COMPONENT

Wiring, Printed - Component

See General Information for Wiring, Printed - Component

O-LEADING SUPPLY CHAIN (HK) CO LTD E490354
ROOM 1205, 12/F
TAI SANG BANK BLDG
130-132 DES VOEUS ROAD
CENTRAL, HONG KONG

Type	Cond Width Min mm(in)	Cond Width Min Edge mm(in)	Cond Thk mic(mil)	SS/ DS/ DSO	Max Area Diam mm(in)	Solder Limits C	Solder Limits sec	Max Oper Temp C	Flame Class	Meets UL796 DSR	CTI
Multilayer (mass laminate) printed wiring boards.											
O-LEADING-401	0.1 (0.004)	0.3 (0.012)	34 (1.34)	DS	12.7 (0.5)	260	10	130	V-0	-	-
O-LEADING-407	0.08 (0.003)	0.2 (0.008)	17 (0.67)	DS	9.7 (0.4)	260	10	130	V-0	All	-
Multilayer printed wiring boards.											
O-LEADING-408	0.125 (0.005)	0.125 (0.005)	12 (0.47) Int:136	DS	50.8 (2.0)	280	20	130	V-0	All	*
Single layer printed wiring boards.											
O-LEADING-002	0.38 (0.015)	1.14 (0.045)	34 (1.34)	SS	19.1 (0.8)	260	10	105	V-0	All	-
O-LEADING-003	0.38 (0.015)	1.14 (0.045)	34 (1.34)	SS	19.1 (0.8)	260	10	130	V-0	▲	-
O-LEADING-033	0.15 (0.006)	0.3 (0.012)	34 (1.34)	SS	25.4 (1.0)	260	10	120	V-0	All	-
O-LEADING-205	0.1 (0.004)	0.3 (0.012)	34 (1.34)	DS	69.6 (2.7)	260	10	130	V-0	All	-
O-LEADING-206	0.15 (0.006)	0.33 (0.013)	17 (0.67)	DS	69.6 (2.7)	260	10	130	V-0	All	-
O-LEADING-D01	0.14 (0.006)	0.15 (0.006)	33 (1.30)	DS	25.4 (1.0)	260	10	130	V-0	All	*
O-LEADING-S01	0.25 (0.010)	0.25 (0.010)	17 (0.67)	SS	25.4 (1.0)	260	4	130	V-0	All	*

WIRING, PRINTED - COMPONENT | UL Product iQ

O-LEADING-S02	0.2 (0.008)	0.2 (0.008)	17 (0.67)	SS	25.4 (1.0)	260	4	130	HB	▲	*
O-LEADING-S03	0.25 (0.010)	0.25 (0.010)	34 (1.34)	SS	25.4 (1.0)	260	4	130	V-0	All	*

* - 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.

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Verpackung und Lieferung

Quick Turn Lead Time		
Layer Count:	Lead Tim	Special Requirement
1L/2L	2-3days	24 Hours,48 Hours
4L	3-4days	48 Hours
6L	4-5days	72 Hours
8L	5-6days	NA
10L	6-7days	NA
12L	7-8days	NA
14L	8-9days	NA

Standard Lead Time		
Layer Count:	Sample Lead Time	Volume order lead time
2L	4 days	10 days
4L	5 days	11 days
6L	6 days	12 days
8L	8 days	14 days
10L	10 days	16 days
12L	12 days	18 days
14L	14 days	20 days
16-32L	18 days	24 days

Prozessfähigkeit

PCB-Produktionsmerkmale

Schichtenzahl: 1 schicht-32 schichten
Fertige Kupferdicke: 1 / 3oz-12oz
Min. Linienbreite / Innenabstand: 3,0 mil / 3,0 mil
Minimale Linienbreite / äußerer Abstand: 4.0mil / 4.0mil
Maximales Seitenverhältnis: 10: 1
Brettstärke: 0.2mm-5.0mm
Maximale Panelgröße (Zoll): 635 * 1500 mm
Minimale Lochgröße: 4mil
Plated Lochtoleranz: +/- 3mil
BInd / Buried Vias (AII-Typen): JA
Via Fill (leitend, nicht leitend): JA
Grundmaterial: FR-4, FR-4hg Tg. Halogenfreies Material, Rogers, Aluminiumbasis,Polyimid, Schweres Kupfer
Oberflächen: HASL, OSP, ENIG, HAL-LF, Silber mmmm,Eintauchdose, goldene Finger, Kohlenstofftinte

SMT-Produktionskapazität

Leiterplattenmaterial: FR-4, CEM-1, CEM-3, Leiterplatte auf Aluminiumbasis
Maximale Leiterplattengröße: 510x460mm
Min. Leiterplattengröße: x 50x50mm
PCB Dicke: 0,5 mm-4,5 mm
Brettstärke: 0.5-4mm
Min. Bauteilabmessungen: 0201
Komponente mit Standardchipgröße: 0603 und höher
Maximale Bauteilhöhe: 15 mm
Mindeststeigung der Mine: 0,3 mm
Kugelpitch BGA min: 0,4 mm
Positioniergenauigkeit: +/- 0,03 mm