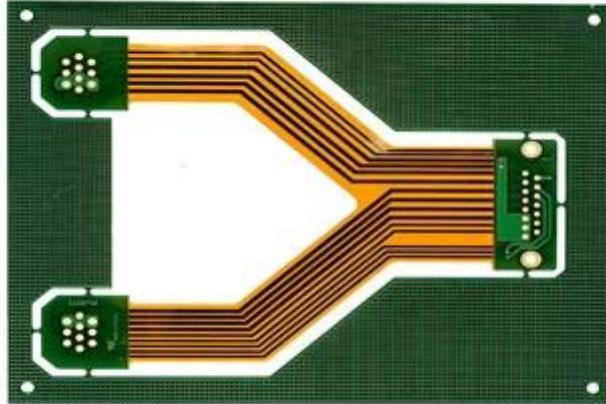




0.15. 0.10. 0.15. 0.10. 0.15. 0.10.	0.15.	0.10.	0.15.	0.10.	0.15.	0.10.
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50. 40. 40. 30. 40. 30.	50.	40.	40.	30.	40.	30.
75. 65. 65. 50. 50. 40.	75.	65.	65.	50.	50.	40.
FR4 PCB.	FR4	-	FR4	-	FR4	-
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**QUALITY 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 registration scope shall include the product/service 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 company www.cicc.com.cn.

201726 201VZL430354 - Wiring, Printed - Component

**UL 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** E490354  
 Fortune Building, Nanheng West Road  
 Room 1313  
 Huizhou, Guangdong 516211, CHINA

	Cond Width			SS/ DS/ Diam	Area	Solder		Temp		Flame	RoHS	C
	Min	Max	Edge			Min	Max	Class	DSR			
Typ	max(in)	mm(in)	mic(mil)	DSO	mm(in)	C	sec	C	Class	DSR	I	
<b>Hull/Bayer (mass laminate) printed wiring boards.</b>												
<b>O-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>O-LEADING-407</b>												
	0.08 (0.003)	0.2 (0.008)	17 (0.67)	D5	9.2 (0.4)	260	10	170	V-0	NI	-	
<b>Hull/Bayer printed wiring boards.</b>												
<b>O-LEADING-408</b>												
	0.125 (0.005)	0.125 (0.005)	12 (0.47) 31(1.25)	D6	50.8 (2.0)	260	20	130	V-0	NI	*	
<b>Single layer printed wiring boards.</b>												
<b>O-LEADING-002</b>												
	0.76 (0.015)	1.14 (0.045)	34 (1.34)	S5	19.1 (0.8)	260	10	105	V-0	NI	-	
<b>O-LEADING-003</b>												
	0.38 (0.015)	1.14 (0.045)	34 (1.34)	S5	19.1 (0.8)	260	10	130	V-0	▲	-	
<b>O-LEADING-033</b>												
	0.15 (0.006)	0.3 (0.012)	34 (1.34)	S5	25.4 (1.0)	260	10	120	V-0	NI	-	
<b>O-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>O-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/onlinecertifications/UL60718RMS/ewg/zpmv2.e490354.html?Wiring,Printed-Component&id=10](#)



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

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 online certification directory. This directory is available to all clients of SGS Certification. The directory is a comprehensive and up-to-date listing of all SGS certified products and services. It provides a convenient and easy-to-use platform for clients to search for products and services that meet their specific requirements. The directory is available in multiple languages and is accessible from any computer or mobile device. For more information, please contact your SGS representative or visit our website at [www.sgs.com](#).

Member of the SGS Group (SGLS)

PCB 製造 加工 組立

製造 加工 組立	16 日以内 納期 OEM PCB 製造 加工 組立
製造 加工 組立	7-12days.

(お問い合わせ先)



品質保証

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