

## O-PCB

10 PCB - PCB MCPCB. WE 48~96 48 4~8

.025 .020

25/

## PCB

PCB

PCB	FR-4	0.5oz-5oz.
0.2mm	0.2mm	
OSP	0.1~10	
LED	PCB	
ISO9001 UL RoHS SGS	Q / CTN	10pcs-100
0.01kg -5kg	mo	10
PCB PCBA	0.1-5mm	
	0.2mm	
	0.01m3~10m3	

PCB

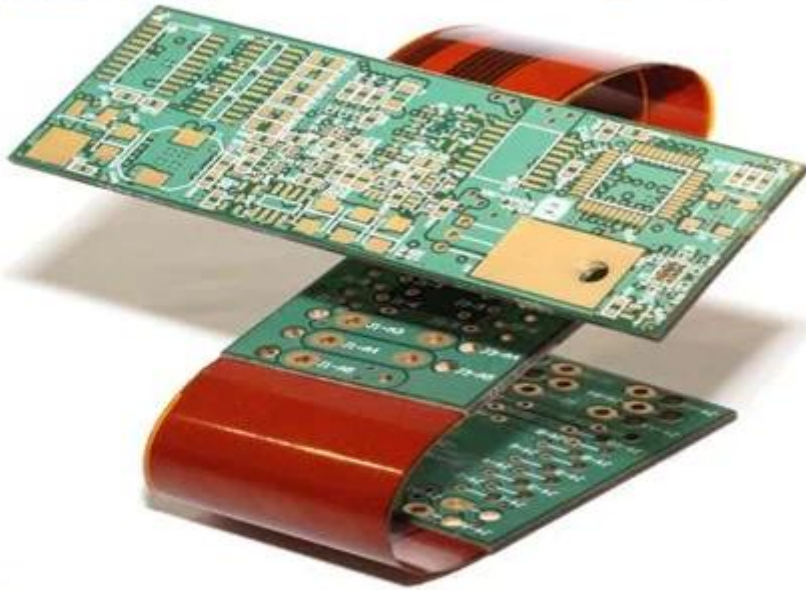
16 OEM PCB
7-12days.

## PCB

PCB	2014.		2015~2016		2017~2018	
	PCB	PCB	PCB	PCB	PCB	PCB
PCB	32.	42.	38.	44	42.	48
PCB/PCB μm	50/50	40/45	40/45	40/40	35/40	35/35
PCB mm	0.15.	0.10	0.15.	0.10	0.15.	0.10
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
PCB	5 + 2 + 5	6 + 2 + 6	5 + 2 + 5	6 + 2 + 6	5 + 2 + 5	6 + 2 + 6
PCB		-		-		-
PCB μm	50.	40.	40.	30.	40.	30.
PCB μm	75.	65	65	50.	50.	40.
PCB		-		-		-
PCB	FR4					
PCB		-		-		-

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











201726

ZPMV2.E490354 - Wiring, Printed - Component



ONLINE CERTIFICATIONS DIRECTORY

ZPMV2.E490354  
Wiring, Printed - Component

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Page Bottom

Wiring, Printed - Component

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O-LEADING SUPPLY CHAIN CO LIMITED

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Room 1313  
Huizhou, Guangdong, CHINA

E490354

	Cond Width				SS/ DS/ Diam	Area	Solder Limits	Diper	Temp	Flame	RoHS	C
	Min	Min Edge	Cond	Max								
Type	mm(in)	mm(in)	mic(mil)	DSO	mm <sup>2</sup> (in <sup>2</sup> )	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	9.7 (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) 31(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 (0.015)	1.14 (0.045)	34 (1.34)	S5	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)	S5	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)	S5	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)	D6	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/BSC/IC/IRMS/ICWiringPrintedComponent/ZPMV2.E490354/Wiring,Printed-Component](#) 10



Test Report

No. CANEC1805164701

Date: 03 Apr 2018

Page 2 of 6

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 that it has been awarded the ISO 9001:2015 certification for its services in the field of testing, inspection and certification. SGS is a leader in the industry and has been providing high quality services for over 100 years. SGS is committed to providing the highest quality services to our clients and to maintaining the highest standards of integrity and ethics. SGS is a member of the International Organization of Standardization (ISO) and the International Chamber of Commerce (ICC). SGS is also a member of the International Federation of Testing Agencies (IFTTA) and the International Council for Standardization (ICS). SGS is a global leader in testing, inspection and certification services and is proud to be a part of the SGS Group.

Member of the SGS Group (SGS SA)



5. PCB 製造工程

設計 → 材料調達 → 前処理 → AOI → 印刷 → 露光 → PTH → 剥離 → 検査 → 組立 → 出荷

組立 → 検査 → 出荷 → E / T → 廃棄