

Bienvenue chez O-Leading

Nous sommes un fabricant professionnel de PCB avec plus de dix ans d'expérience. Gamme de produits - PCB simple face, double face, multicouche, PCB flexible et MCPCB. Nous pouvons fournir un service de prototypage rapide - S / S en 24 heures, 4-8 couches en 48-96 heures de travail.

[Fabricant de panneaux multicouches Chine](#)

PLAQUES DE CUIVRE TROUS MINIMUM .025 AVG, .020 MIN .. LES TROUS NE PEUVENT PAS ÊTRE PLUGGÉS

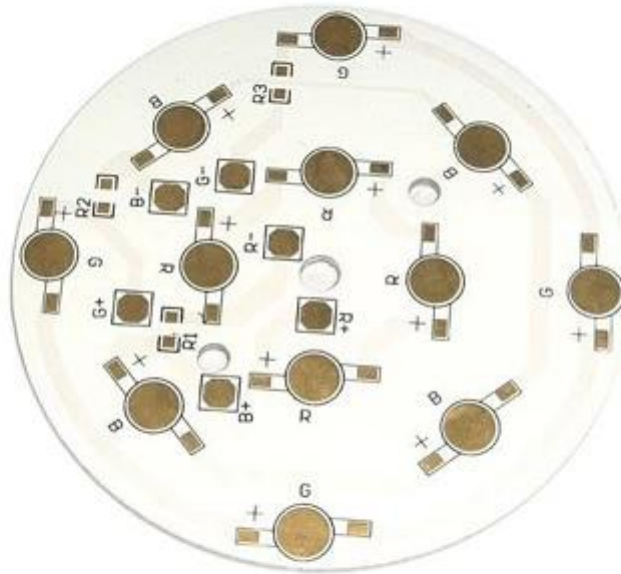
Pack avec film à bulles transparent incolore, 25 PCS / sac, mettre le dessiccant sur le flanc, mettre la carte d'indicateur d'humidité sur le dessus

CLIQUEZ ICI POUR PLUS D'INFORMATIONS : [Ceramic Flash Gold en gros](#)

Description du produit

PCB P / N	LC057-V1
Nombre de couches	1L
Matériel	Céramique de base
Board thk	1,6 mm
cuivre thk	11oz
Taille de trou la plus petite	/
Nombre de trous (pcs)	/
ligne w / s	15mil
Contrôle d'impédance. O / N (Tol%)	N
Finition de surface	ENIG (Au: 0,05 um)
Masque de soudure Sérigraphie	Blanc / N / A
Taille de carte unique	Dim X (mm): 89; Dim Y (mm): 175
Panelisation	Dim X (mm): 89; Dim Y (mm): 175; Nombre d'UPS: 1
Spécial	N
Routage / poinçonnage	CNC

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www.o-leading.com

[PCB layout manufacturer china](#)

FAQ

1. Comment O-Leading garantit-il la qualité?

Notre norme de qualité élevée est atteinte avec les éléments suivants.

1. Le processus est strictement contrôlé selon les normes ISO 9001: 2008.
2. Utilisation intensive des logiciels dans la gestion du processus de production
3. Équipements et outils de test de pointe. Par exemple. Flying Probe, X-ray Inspection, AOI (Automated Optical Inspector) and ICT (in-circuit testing).
4. Équipe d'assurance qualité dédiée avec processus d'analyse des cas de défaillance
5. Formation et éducation continues du personnel

2. Comment O-Leading maintient-il votre prix compétitif?

Au cours de la dernière décennie, les prix de nombreuses matières premières (par exemple le cuivre, les produits chimiques) ont doublé, triplé ou quadruplé; Le RMB de la monnaie chinoise s'est apprécié de 31% par rapport au dollar américain; Et notre coût de main-d'œuvre a également augmenté de manière significative. Cependant, O-Leading a maintenu nos prix stables. Cela est entièrement dû à nos innovations pour réduire les coûts, éviter les gaspillages et améliorer l'efficacité. Nos prix sont très compétitifs dans l'industrie au même niveau de qualité. Nous croyons en un partenariat gagnant-gagnant avec nos clients. Notre partenariat sera

mutuellement bénéfique si nous pouvons vous fournir un avantage sur le coût et la qualité.

3. Quels types de planches le processus O-Leading peut-il traiter?

Cartes FR4, TG élevées et sans halogène communes, Rogers, Arlon, Telfon, cartes à base d'aluminium / cuivre, PI, etc.

4. Quelles données sont nécessaires pour la production de PCB?

Il est préférable de fournir les données au format Gerber 274-X. De plus, Cam350, CAD, Protel 99se, PADS, DXP et Eagle peuvent également être traités.

5. Quel est le flux de processus typique pour les PCB multicouches?

Découpe de matériau → Film sec intérieur → gravure intérieure → AOI intérieur → Multi-liaison → Empilement de couches Pressage → Perçage → PTH → Placage de panneau → Film sec extérieur → Placage de motifs → Gravure extérieure → AOI extérieur → Masque de soudure → Marque de composant → Finition de surface → Routage → E / T → Inspection visuelle.

Notre équipe



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



Certifications





No. SZXEC1900530401

Date: 30 Mar 2019

Page 1 of 6

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 (PDBEs) 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 Fan
Approved Signatory



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No. SZXEC1900530401

Date: 30 Mar 2019

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Test Results :

Test Part Description:

Specimen No.	SGS Sample ID	Description
SN1	SZX19-005304.001	Green™PCB

Remarks :

(1) $1 \text{ mg/kg} = 1 \text{ ppm} = 0.0001\%$

(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	Q27
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
Tri bromobiphenyl	-	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
Tri bromodiphenyl ether	-	mg/kg	5	ND
Tetrabromodiphenyl ether	-	mg/kg	5	ND
Pentabromodiphenyl ether	-	mg/kg	5	ND



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305360, 305361, 305362, 305363, 305364, 305365, 305366, 305367, 305368, 305369, 305370, 305371, 305372, 305373, 305374, 305375, 305376, 305377, 305378, 305379, 305380, 305381, 305382, 305383, 305384, 305385, 305386, 305387, 305388, 305389, 305390, 305391, 305392, 305393, 305394, 305395, 305396, 305397, 305398, 305399, 305400, 305401, 305402, 305403, 305404, 305405, 305406, 305407, 305408, 305409, 305410, 305411, 305412, 305413, 305414, 305415, 305416, 305417, 305418, 305419, 305420, 305421, 305422, 305423, 305424, 305425, 305426, 305427, 305428, 305429, 305430, 305431, 305432, 305433, 305434, 305435, 305436, 305437, 305438, 305439, 305440, 305441, 305442, 305443, 305444, 305445, 305446, 305447, 305448, 305449, 305450, 305451, 305452, 305453, 305454, 305455, 305456, 305457, 305458, 305459, 305460, 305461, 305462, 305463, 305464, 305465, 305466, 305467, 305468, 305469, 305470, 305471, 305472, 305473, 305474, 305475, 305476, 305477, 305478, 305479, 305480, 305481, 305482, 305483, 305484, 305485, 305486, 305487, 305488, 305489, 305490, 305491, 305492, 305493, 305494, 305495, 305496, 305497, 305498, 305499, 305500, 305501, 305502, 305503, 305504, 305505, 305506, 305507, 305508, 305509, 305510, 305511, 305512, 305513, 305514, 305515, 305516, 305517, 305518, 305519, 305520, 305521, 305522, 305523, 305524, 305525, 305526, 305527, 305528, 305529, 305530, 305531, 305532, 305533, 305534, 305535, 305536, 305537, 305538, 305539, 305540, 305541, 305542, 305543, 305544, 305545, 305546, 305547, 305548, 305549, 305550, 305551, 305552, 305553, 305554, 305555, 305556, 305557, 305558, 305559, 305560, 305561, 305562, 305563, 305564, 305565, 305566, 305567, 305568, 305569, 305570, 305571, 305572, 305573, 305574, 305575, 305576, 305577, 305578, 305579, 305580, 305581, 305582, 305583, 305584, 305585, 305586, 305587, 305588, 305589, 305590, 305591, 305592, 305593, 305594, 305595, 305596, 305597, 305598, 305599, 305600, 305601, 305602, 305603, 305604, 305605, 305606, 305607, 305608, 305609, 305610, 305611, 305612, 305613, 305614, 305615, 305616, 305617, 305618, 305619, 305620, 305621, 305622, 305623, 305624, 305625, 305626, 305627, 305628, 305629, 305630, 305631, 305632, 305633, 305634, 305635, 305636, 305637, 305638, 305639, 305640, 305641, 305642, 305643, 305644, 305645, 305646, 305647, 305648, 305649, 305650, 305651, 305652, 305653, 305654, 305655, 305656, 305657, 305658, 305659, 305660, 305661, 305662, 305663, 305664, 305665, 305666, 305667, 305668, 305669, 305670, 305671, 305672, 305673, 305674, 305675, 305676, 305677, 305678, 305679, 305680, 305681, 305682, 305683, 305684, 305685, 305686, 305687, 305688, 305689, 305690, 305691, 305692, 305693, 305694, 305695, 305696, 305697, 305698, 305699, 305700, 305701, 305702, 305703, 305704, 305705, 305706, 305707, 305708, 305709, 305710, 305711, 305712, 305713, 305714, 305715, 305716, 305717, 305718, 305719, 305720, 305721, 305722, 305723, 305724, 305725, 305726, 305727, 305728, 305729, 305730, 305731, 305732, 305733, 305734, 305735, 305736, 305737, 305738, 305739, 305740, 305741, 305742, 305743, 305744, 305745, 305746, 305747, 305748, 305749, 305750, 305751, 305752, 305753, 305754, 305755, 305756, 305757, 305758, 305759, 305760, 305761, 305762, 305763, 305764, 305765, 305766, 305767, 305768, 305769, 305770, 305771, 305772, 305773, 305774, 305775, 305776, 305777, 305778, 305779, 305780, 305781, 305782, 305783, 305784, 305785, 305786, 305787, 305788, 305789, 305790, 305791, 305792, 305793, 305794, 305795, 305796, 305797, 305798, 305799, 305800, 305801, 305802, 305803, 305804, 305805, 305806, 305807, 305808, 305809, 305810, 305811, 305812, 305813, 305814, 305815, 305816, 305817, 305818, 305819, 305820, 305821, 305822, 305823, 305824, 305825, 305826, 305827, 305828, 305829, 305830, 305831, 305832, 305833, 305834, 305835, 305836, 305837, 305838, 305839, 305840, 305841, 305842, 305843, 305844, 305845, 305846, 305847, 305848, 305849, 305850, 305851, 305852, 305853, 305854, 305855, 305856, 305857, 305858, 305859, 305860, 305861, 305862, 305863, 305864, 305865, 305866, 305867,

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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		Cond Thk mic(mil)	SS/ DS/ DSO	Max		Max		Meets UL796 Class	C T DSR	C I
	Min	Min			Area	Solder	Oper	Flame			
	mm(in)	mm(in)			Diam	Limits	Temp	Temp			
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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Shipping service



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

Capacité du processus

Capacités de production de PCB

Nombre de couches: 1 couche-32 couches

Épaisseur de cuivre fini: 1 / 3oz-12oz

Largeur / espacement des lignes min. Interne: 3.0mil / 3.0mil

Largeur / espacement des lignes min externes: 4.0mil / 4.0mil

Rapport d'aspect max: 10: 1

Épaisseur du panneau: 0,2 mm à 5,0 mm

Taille maximale du panneau (pouces): 635 * 1500 mm

Taille minimale du trou percé: 4mil

Tolérance de trou Plated: +/- 3mil

Blind / Buried Vias (types All): OUI

Via remplissage (conducteur, non conducteur): OUI

Matériau de base: FR-4, FR-4High Tg.Halogen free material, Rogers, Aluminium base,Polyimide,

Cuivre lourd

Finitions de surface: HASL, OSP, ENIG, HAL-LF, Immersion silver,Étain d'immersion, doigts d'or, encre de carbone

Capacités de production SMT

Matériau PCB: FR-4, CEM-1, CEM-3, carte à base d'aluminium

Taille maximale du PCB: 510x460mm

Taille minimale du PCB: 50x50mm

Épaisseur du PCB: 0,5 mm à 4,5 mm

Épaisseur du panneau: 0,5-4 mm

Taille minimale des composants: 0201

Composant de taille de puce standard: 0603 et plus

Hauteur maximale des composants: 15 mm

Pas de plomb mini: 0,3 mm

Pas de balle BGA minimum: 0,4 mm

Précision de placement: +/- 0,03 mm