

O-leading 0.2mm 0.2mm 0.2mm.

0.2mm 10 0.2mm 0.2mm 0.2mm PCB 0.2mm. 0.2mm - 0.2mm, 0.2mm 0.2mm, 0.2mm PCB, 0.2mm PCB 0.2mm MCPCB. 0.2mm 0.2mm 0.2mm 0.2mm 0.2mm 0.2mm - 24 0.2mm S / S, 48-96 0.2mm 0.2mm 4-8 0.2mm.

0.2mm 0.2mm 0.2mm .025 AVG, .020 MIN .. 0.2mm 0.2mm 0.2mm 0.2mm

0.2mm 0.2mm 0.2mm, 25 PC / bag, 0.2mm 0.2mm 0.2mm, 0.2mm 0.2mm 0.2mm 0.2mm



0.2mm 0.2mm :
0.2mm 0.2mm 0.2mm

0.2mm	0.2mm, 0.2mm (0.2mm)	0.2mm	0.2mm - 0.2mm
0.2mm 0.2mm	FR-4, 0.2mm	0.2mm 0.2mm	0.5oz ~ 5oz
0.2mm. 0.2mm 0.2mm	0.2mm	0.2mm. 0.2mm 0.2mm	0.2mm
0.2mm 0.2mm	0.2mm 0.2mm, OSP, 0.2mm HASL	0.2mm	\$ 0.1- \$ 10
0.2mm 0.2mm	LED, 0.2mm, 0.2mm, 0.2mm	0.2mm	0.2mm 0.2mm PCB
0.2mm	ISO9001, UL, RoHS, SGS	Q / CTN	10PCS-100PCS
0.2mm	0.01kg ~ 5kg	MOQ	10 0.2mm
0.2mm	0.2mm, 0.2mm, 0.2mm, 0.2mm .yellow	0.2mm 0.2mm	0.1-5mm
0.2mm 0.2mm	0.2mm 0.2mm pcb 0.2mm 0.2mm pcba 0.2mm 0.2mm	0.2mm	0.01m3-10m3
0.2mm	0.2mm 0.2mm 0.2mm	0.2mm. 0.2mm 0.2mm	0.2mm

0.2mm & 0.2mm

0.2mm 0.2mm 0.2mm :	16 0.2mm 0.2mm OEM pcb 0.2mm 0.2mm 0.2mm
0.2mm 0.2mm 0.2mm :	7-12 0.2mm

0.2mm 0.2mm

16 0.2mm 0.2mm OEM pcb 0.2mm 0.2mm

0.2mm	2014		2015 ~ 2016		2017 ~ 2018	
	0.2mm	0.2mm	0.2mm	0.2mm	0.2mm	0.2mm
0.2mm 0.2mm	32	42	38 0.2mm	44	42	48
0.2mm 0.2mm / 0.2mm (µm)	50/50	40/45	40/45	40/40	35/40	35/35
0.2mm 0.2mm 0.2mm (mm)	0.15	0.10	0.15	0.10	0.15	0.10
0.2mm 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
□□ □□ □□ □□	5 + 2 + 5	6 + 2 + 6	5 + 2 + 5	6 + 2 + 6	5 + 2 + 5	6 + 2 + 6
□□□ □□□ □	□	-	□	-	□	-
□□. □□ □□ (□□ □□) (μm)	50	40	40	30	40	30
□□. □□□ □□ □□ (μm)	75	65	65	50	50	40
□□ □ □□ □□ □ / □□ □□	□	-	□	-	□	-
□□	FR4, Megtron, Nelco, Rogers, Heavy Copper □					
□□□□ □□□□ PCB	□	-	□	-	□	-
□□ □□	□□ HASL, ENIG, OSP, □□□, □□ □□, □□□ □, □ □□□ □□, □□□ □ □□, □□ □ □□ □□□, □□ □□					



www.o-leading.com

pcb







UL ONLINE CERTIFICATIONS DIRECTORY

ZPMV2.E490354
Wiring, Printed - Component

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Page Bottom

Wiring, Printed - Component

See General Information for Wiring, Printed - Components

O-LEADING SUPPLY CHAIN CO LIMITED
Fortune Building, Nanheng West Road
Room 1313
Huizhou, Guangdong 516211, CHINA

Cond Width		Min		Max		Min		Max			
Min	Edge	Cond	SS/Thk	Area DS/ Diam	Solder Limits	Dper	Temp	Flame	RoHS	C	
Typ	max(in)	mm(in)	mil(mm)	DS0	mil(in)	C	sec	C	Class	DSR	I
Multi-layer (mass laminate) printed wiring boards.											
O-LEADING-401											
	0.2 (0.004)	0.3 (0.012)	34 (0.34)	D6	12.7 (0.5)	260	10	130	V-0	-	-
O-LEADING-407											
	0.08 (0.003)	0.2 (0.008)	17 (0.67)	D5	9.2 (0.4)	260	10	130	V-0	NI	-
Multi-layer printed wiring boards.											
O-LEADING-408											
	0.125 (0.005)	0.125 (0.005)	12 (0.47) 11-135	D6	50.8 (2.0)	260	20	130	V-0	NI	1
Single layer printed wiring boards.											
O-LEADING-002											
	0.76 (0.015)	1.14 (0.045)	34 (1.34)	S5	19.1 (0.8)	260	10	105	V-0	NI	-
O-LEADING-003											
	0.38 (0.015)	1.14 (0.045)	34 (1.34)	S5	19.1 (0.8)	260	10	130	V-0	▲	-
O-LEADING-033											
	0.15 (0.006)	0.3 (0.012)	34 (1.34)	S5	25.4 (1.0)	260	10	120	V-0	NI	-
O-LEADING-205											
	0.1 (0.004)	0.3 (0.012)	34 (1.34)	D6	69.6 (2.7)	260	10	130	V-0	NI	-
O-LEADING-206											
	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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SGS

Test Report No. CANEC1805164701 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
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
Hexabromodiphenyl ether	-	mg/kg	5	ND
Heptabromodiphenyl ether	-	mg/kg	5	ND
Octabromodiphenyl ether	-	mg/kg	5	ND
Nonabromodiphenyl ether	-	mg/kg	5	ND
Decabromodiphenyl ether	-	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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□□ □□ □□	7-12 □



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1. O-Leading□ □□□ □□□□□□□□?

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1. □ □□□□□ ISO 9001 : 2008 □□□□ □□ □□□□ □□□□□□.
2. □□ □□ □□□□□□ □□□□□□ □□□□ □□
3. State-of-art □□□□ □□ □ □ □□. □ : □□□□ □□□□, X □ □□, AOI (□□□□ □□□□) □ ICT (□□□□ □□□□).
4. □□ □□ □□ □□□□□□ □□ □ □□□ □□ □□ □
5. □□□□ □□ □□ □ □□

2. O-Leading□ □□ □□□□ □□□□□□□□?

□□ 10 □ □□ □□ □□□□ (□ : □□, □□ □□) □ □□□ □ □□, □ □ □□ □ □ □□□□□□. □□ □□ □□□□ □□ □□ 31 % □□□□ □□□□. □□ □□□□ □□ □□□□□□. □□□□ O-Leading□ □□□□ □□□□□□□□□□□□. □□ □□ □□, □□□□ □□ □ □□□ □□□□ □□ □□□□ □□ □□□□. □ □□ □□□□ □□□□ □□□□ □□ □□□□ □□□□ □□□□.

3. O-Leading □□□□□□ □□ □□□□ □□ □ □□□□□?

□□□□ FR4, □ TG □ □□□ □□ □□ □□, Rogers, Arlon, Telfon, □□□□ / □□ □□ □□, PI □

4. PCB □□□□ □□□□ □□□□□□□□?

Gerber 274-X □□□□ □□□□ □□□□ □□ □□ □□□□. □□ Cam350, CAD, Protel 99se, PADS, DXP □ Eagle□ □□ □ □

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5. □□ PCB□ □□□□ □□ □□□ □□□□□?

□□ □□ → □□ □□ □ → □□ □□ → □□ AOI → □□ □□ → □□ → □□ → □□ → PTH → □□ → □□ □□ □ → □□ □□ → □□ □□ → □
□ AOI → □□ □□□ → □□ □□ → □□ □□ → □□□ → E / T → □□ □□.