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PCB







201726 2016VZL430354 - Wiring, Printed - Component



ZPMV2.E490354
Wiring, Printed - Component

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Wiring, Printed - Component

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Cond Width		Min		Max		Min		Max		Flame		UL796	T
Min	Edge	Cond	SS/ Thk	DS/ Diam	Area	Solder Limits	Dper	Temp	Flame	Class	DSR	I	
Typ	max(in)	mm(in)	mil(mm)	DSO	mm(in)	C	sec	C	Class	DSR	I		
Hull/Bayer (mass laminate) printed wiring boards.													
O-LEADING-401													
	0.2 (0.004)	0.5 (0.012)	34 (0.84)	D6	12.7 (0.5)	260	10	230	V-0	-	-		
O-LEADING-407													
	0.08 (0.003)	0.2 (0.008)	17 (0.47)	D5	9.2 (0.4)	260	10	170	V-0	NI	-		
Hull/Bayer printed wiring boards.													
O-LEADING-408													
	0.125 (0.005)	0.125 (0.005)	12 (0.47) mil:1.35	D6	50.8 (2.0)	260	20	230	V-0	NI	*		
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	230	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													
	0.2 (0.004)	0.5 (0.012)	34 (1.34)	D6	69.6 (2.7)	260	10	230	V-0	NI	-		
O-LEADING-206													
	0.15 (0.006)	0.33 (0.013)	17 (0.47)	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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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) "r" = Not Regulated

RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU

Test Method: With reference to IEC 62321-4:2014+1:2017, IEC 62321-5:2013, IEC 62321-7-2:2017, IEC 62321-6:2015 and IEC 62321-8:2017, analyzed by ICP-OES, UV-Vis and GC-MS.

Test Items	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



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4. PCB

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

5. PCB

→ AOI → PTH → → → E / T →