



测试报告

No. CANEC0803633402

日期: 2008年07月09日 第1页,共5页

宏标殷达电子有限公司
香港官塘成业街16号怡生工业中心G座11字楼

以下测试之样品是由申请者所提供及确认:

塑胶二极管(TIP)

SGS工作编号 : 11133202 - SZ
客户参考信息 : R-1,R-3,R-5,R-6,DO-41,DO-15,DO-27,DO-201AE,A-405,TO-220
SGS内部编号 : 4.2
样品接收日期 : 2008年06月20日
测试周期 : 2008年06月20日 - 2008年06月26日

测试要求 : 根据客户要求测试
测试方法 : 请参见下一页
测试结果 : 请参见下一页
结论 : 基于所送样品进行的测试, 测试结果与欧盟RoHS指令2002/95/EC以及后续修正指令的要求相符。

通标标准技术服务有限公司
授权签名

Huang Fang, Sunny
Sr. Engineer

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测试报告

No. CANEC0803633402

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测试结果:

样品1 ID : CAN08-036334.001
样品1描述 : 银色金属脚

RoHS指令2002/95/EC

测试项目	单位	测试方法 (参考)	测试结果	MDL	限值
镉 (Cd)	毫克/千克	IEC 62321/2nd CDV (111/95/CDV), ICP-OES	N.D.	2	100
铅 (Pb)	毫克/千克	IEC 62321/2nd CDV (111/95/CDV), ICP-OES	N.D.	2	1000
汞 (Hg)	毫克/千克	IEC 62321/2nd CDV (111/95/CDV), ICP-OES	N.D.	2	1000
沸水萃取法测六价铬(Cr VI)	-	IEC 62321/2nd CDV (111/95/CDV), UV-Vis	Negative	◇	#

注释:

1. 毫克/千克 = ppm
2. N.D.= 未检出 (< MDL)
3. MDL = 方法检测限
4. ◇ = 点测试:

Negative = 未检测到六价铬, Positive = 检测到六价铬;

(如果点测试结果为Negative或不能确认, 测试样品需进一步由沸水萃取法进行测试)。

沸水萃取法:

Negative = 未检测到六价铬

Positive = 检测到六价铬; 每50cm²表面积的被测试样品的沸水萃取液中六价铬的浓度等于或大于0.02mg/kg。

5. # = Positive = 阳性
Negative = 阴性
6. "-" = 未规定

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样品2 ID : CAN08-036334.002
样品2描述 : 带银灰色印字的黑色本体(混合)

RoHS指令2002/95/EC

测试项目	单位	测试方法 (参考)	测试结果	MDL	限值
镉 (Cd)	毫克/千克	IEC 62321/2nd CDV (111/95/CDV), ICP-OES	N.D.	2	100
铅 (Pb)	毫克/千克	IEC 62321/2nd CDV (111/95/CDV), ICP-OES	10421 ¹⁾	2	1000
汞 (Hg)	毫克/千克	IEC 62321/2nd CDV (111/95/CDV), ICP-OES	N.D.	2	1000
碱性溶液萃取测六价铬(Cr VI)	毫克/千克	IEC 62321/2nd CDV (111/95/CDV), UV-Vis	N.D.	2	1000
多溴联苯(PBBs)之和	毫克/千克	-	N.D.	-	1000
单溴联苯	毫克/千克	IEC 62321/2nd CDV (111/95/CDV), GC-MS	N.D.	5	
二溴联苯	毫克/千克	IEC 62321/2nd CDV (111/95/CDV), GC-MS	N.D.	5	
三溴联苯	毫克/千克	IEC 62321/2nd CDV (111/95/CDV), GC-MS	N.D.	5	
四溴联苯	毫克/千克	IEC 62321/2nd CDV (111/95/CDV), GC-MS	N.D.	5	
五溴联苯	毫克/千克	IEC 62321/2nd CDV (111/95/CDV), GC-MS	N.D.	5	
六溴联苯	毫克/千克	IEC 62321/2nd CDV (111/95/CDV), GC-MS	N.D.	5	
七溴联苯	毫克/千克	IEC 62321/2nd CDV (111/95/CDV), GC-MS	N.D.	5	
八溴联苯	毫克/千克	IEC 62321/2nd CDV (111/95/CDV), GC-MS	N.D.	5	
九溴联苯	毫克/千克	IEC 62321/2nd CDV (111/95/CDV), GC-MS	N.D.	5	
十溴联苯	毫克/千克	IEC 62321/2nd CDV (111/95/CDV), GC-MS	N.D.	5	
多溴联苯醚(PBDEs)之和	毫克/千克	-	N.D.	-	1000
单溴联苯醚	毫克/千克	IEC 62321/2nd CDV (111/95/CDV), GC-MS	N.D.	5	
二溴联苯醚	毫克/千克	IEC 62321/2nd CDV (111/95/CDV), GC-MS	N.D.	5	
三溴联苯醚	毫克/千克	IEC 62321/2nd CDV (111/95/CDV), GC-MS	N.D.	5	
四溴联苯醚	毫克/千克	IEC 62321/2nd CDV (111/95/CDV), GC-MS	N.D.	5	
五溴联苯醚	毫克/千克	IEC 62321/2nd CDV (111/95/CDV), GC-MS	N.D.	5	
六溴联苯醚	毫克/千克	IEC 62321/2nd CDV (111/95/CDV), GC-MS	N.D.	5	
七溴联苯醚	毫克/千克	IEC 62321/2nd CDV (111/95/CDV), GC-MS	N.D.	5	
八溴联苯醚	毫克/千克	IEC 62321/2nd CDV (111/95/CDV), GC-MS	N.D.	5	
九溴联苯醚	毫克/千克	IEC 62321/2nd CDV (111/95/CDV), GC-MS	N.D.	5	
十溴联苯醚 ##	毫克/千克	IEC 62321/2nd CDV (111/95/CDV), GC-MS	N.D.	5	

注释:

1. 毫克/千克 = ppm
2. N.D.= 未检出 (< MDL)
3. MDL = 方法检测限
4. ## =根据欧洲法庭2008年4月1日的决议, 2005/717/EC中关于聚合物样品中十溴联苯醚的豁免被否决。自2008年7月1日起, 十溴联苯醚将被包含于多溴联苯醚的总和计算之中。
5. “-” = 未规定
6. 本报告中的测试结果和照片引用自报告CANEC0803255801。
7. 本测试报告内容是参照报告编号为CANEC0803633401的中文译本, 中英文版本如有歧异, 概以英文版为准。

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备注<1>: 根据客户提供的产品资料, 样品2的铅含量可能来源于此样品中的高温焊料。而根据欧盟议会和欧盟理事會2003年1月27日第2002/95/EC号指令, 高温焊料中的铅可获豁免

备注<2>: 由于样品2无法拆分, 因此测试是基于申请人要求整体 (部分) 混合进行测试。

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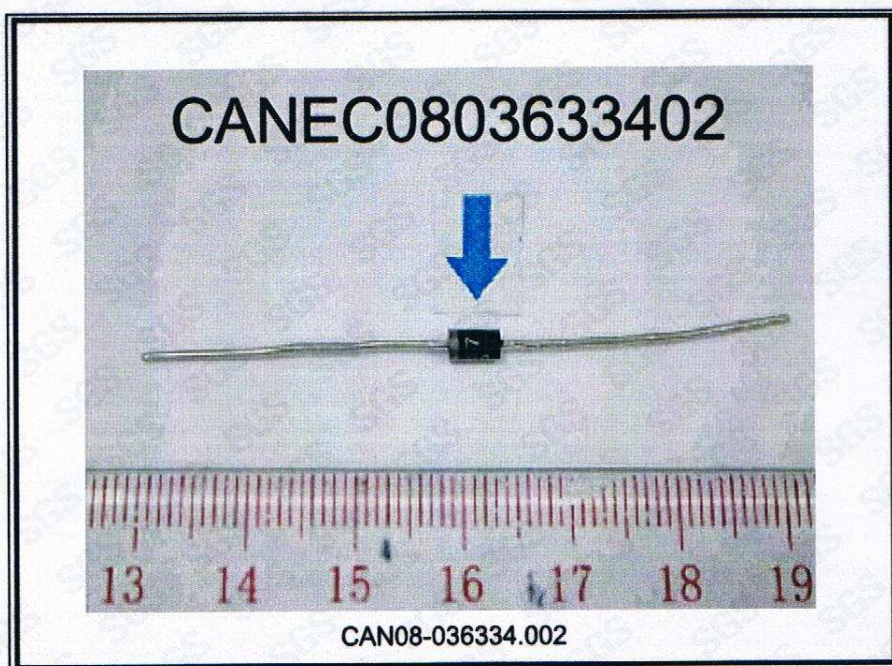
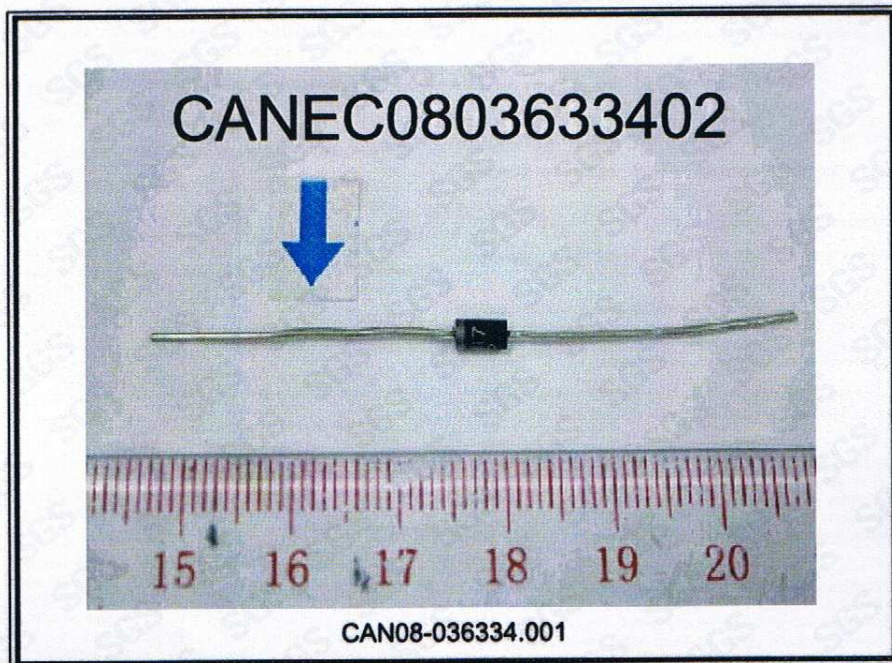
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样品照片:



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*** 报告完 ***

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