

## 检测报告

编号: CKGEC25001598704

日期: 2025 年 12 月 03 日

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客户名称: 四川民承电子有限公司

客户地址: 中国(四川)自由贸易试验区成都双流区西南航空港经济开发区黄甲街道双兴大道 1 号

样品名称: 功率元器件

型号: TO-220F

客户参考信息: TO-126 TO-263 TO-262 TO-251 TO-252 TO-220 TO-220F TO-220HF TO-247  
TO-247L TO-277 TO-3PI TO-220C TO-247PLUS TO-263-7 TO-247-4 TO-  
264 DFN3\*3 DFN5\*6 DFN8\*8 SOP8 SOT-223 TOLL TOLT

以上样品及信息由客户提供。

SGS 工作编号: CQP25-014126

样品接收时间: 2025 年 11 月 24 日

检测周期: 2025 年 11 月 24 日 ~ 2025 年 11 月 28 日

检测要求: 根据客户要求检测

检测方法: 见后续页。

检测结果: 见后续页。

检测要求	结论
美国环保署有毒物质控制法 (TSCA) 第 6 (h) 节规定的持久性、生物累积性和毒性 (PBT) 化学物质	符合

通标标准技术服务(重庆)有限公司  
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徐雯雯

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批准签署人

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SGS-CSTC Standards Technical Services (Chongqing) Co., Ltd.  
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## 检测结果:

## 检测部件外观描述:

样品序号	样品编号	SGS 样品 ID	样品描述
SN1	A1	CKG25-0015987-0001.C001	黑色塑料

## 备注:

- (1) 1 mg/kg = 1 ppm = 0.0001%
- (2) MDL = 方法检出限
- (3) ND = 未检出 (< MDL)
- (4) "-" = 未规定

## 美国环保署有毒物质控制法 (TSCA) 第 6 (h) 节规定的持久性、生物累积性和毒性 (PBT) 化学物质

检测方法: 参考 US EPA 3550C:2007, 采用 GC-MS 进行分析。

检测项目	CAS No.	限值	单位	MDL	A1
十溴二苯醚 (Deca-BDE)	1163-19-5	1000	mg/kg	5	ND
异丙基化磷酸三苯酯 (PIP 3:1)	68937-41-7	1000	mg/kg	5	ND
2,4,6-三叔丁基苯酚 (2,4,6-TTBP)	732-26-3	3000	mg/kg	5	ND
六氯丁二烯 (HCBd)	87-68-3	禁用	mg/kg	5	ND
五氯苯硫酚 (PCTP)	133-49-3	10000	mg/kg	5	ND
结论					符合

## 备注:

(1) 法规信息请参见下链接

<https://www.epa.gov/assessing-and-managing-chemicals-under-tsca/persistent-bioaccumulative-and-toxic-pbt-chemicals-under>.

(2) 针对十溴二苯醚 (Deca-BDE) 和异丙基化磷酸三苯酯 (PIP 3:1) 的规定于 2025 年 1 月 21 日生效。

除非另有说明, 参照 ILAC-G8:09/2019, 使用简单接受 ( $w=0$ ) 的二元判定规则进行符合性判定。

除非另有说明, 此报告结果仅对检测的样品负责。本报告未经本公司书面许可, 不可部分复制。

检测报告仅用于客户科研、教学、内部质量控制、产品研发等目的, 仅供内部参考。



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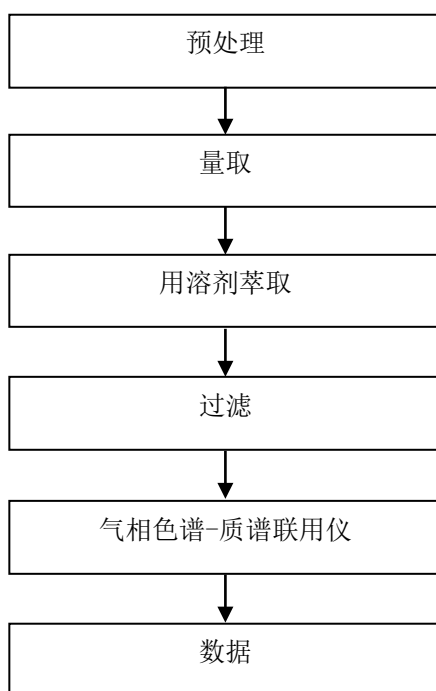
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## 持久性、生物累积性和毒性 (PBT) 化学物质检测流程图



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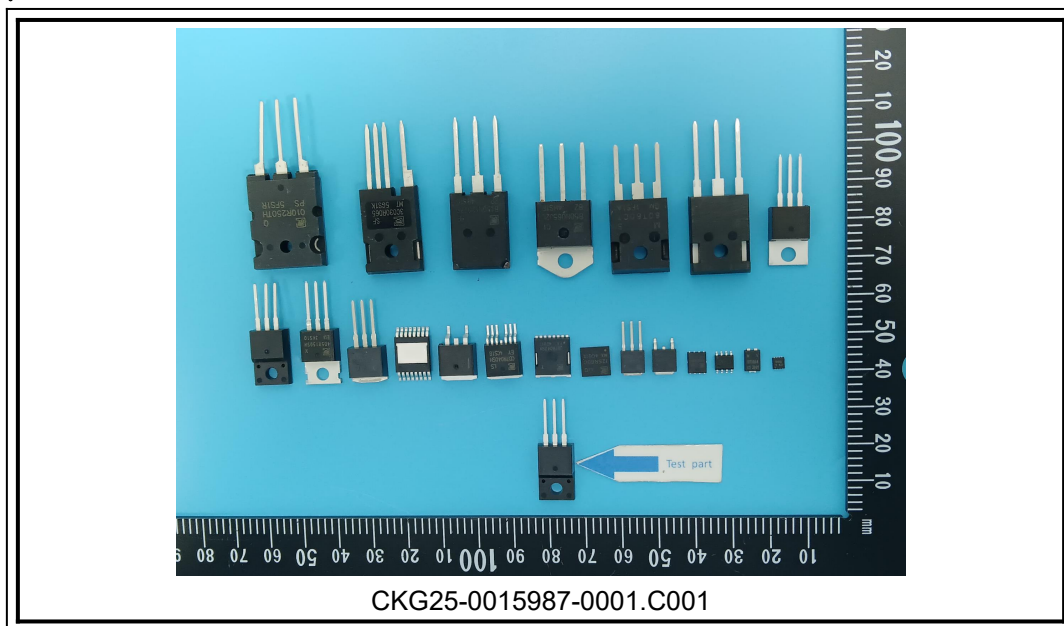
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样品照片:



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