



广东安臣锡品制造有限公司

GUANGDONG ANSON SOLDER & TIN PRODUCTS MADE LTD.

# 产品规格承认书

## SPECIFICATION FOR APPROVAL

产品名称 Product Name	铅锡锡条 Tin-Lead Solder Bar
产品型号 Product Model	AS63/37 【铅锡锡条 Tin-Lead 63/37 Solder Bar】
制造厂商 Manufacturer	广东安臣锡品制造有限公司 GUANGDONG ANSON SOLDER & TIN PRODUCTS MADE LTD.
厂商地址 Address	广东省佛山市南海区狮山镇长虹岭工业园 Changhongling Industrial Park, Shishan, Nanhai, Foshan, Guangdong
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## 一、产品规格承认书概述 Overview

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## 二、版本信息 Version

版本编号 Series No.	v20240901a			
版本有效期 Validity Period	2024年9月1日-2029年9月1日			
规格书总页数 Total Pages	4页 4 pages			
厂商签章 Signature	业务代表 Sales Director	制作 Prepared by	审核 Verified by	批准 Approved by
		钟政贤	齐书敏	洗陈列 技术总监 CTO

## 三、补充信息 Additional Information

### 1. 质量保证 Quality Assurance

我司保证所交付产品与本产品规格承认书所记载的内容一致。

We guarantee that the products delivered are in accordance with the contents recorded in this Specification.

### 2. 注意事项 Precautions

本产品规格承认书所包含的信息是我们认为精确的数据，仅对我司产品负责。我们对于文中数据的准确性不做明示或暗示的担保。我们拒绝承担在此信息范围之外使用指定的任何材料而引起的任何损失和损害。贵司需要对本产品规格承认书的产品进行科学验证，确保满足其自身工艺及产品要求。

The information contained in this Specification is data that we believe to be accurate and is solely responsible for our products. We make no warranties, express or implied, as to the accuracy of the data herein. We disclaim responsibility for any loss or damage arising from the use of any specified material outside the scope of this information. Your company needs to scientifically verify the products of this Specification to ensure that it meets its own process and product requirements.

### 3. 协议事项 Matters of Agreement

当发生本产品规格承认书未规范到的事宜时，双方应秉持诚意协商解决。

In case of matters not covered by this Specification, both parties shall negotiate in good faith.

#### 四、 产品说明 Product Introduction

##### 1. 概述 Overview

AS63/37 是专门应用在波峰焊及热风整平工艺（HASL）中的产品。该款锡条性能稳定，具体体现在锡条的金属杂质含量低，锡炉氧化渣极少，润湿性极佳。

AS63/37 is a product specifically designed for use in wave soldering and hot air solder leveling (HASL). This tin bar has stable performance, which is reflected in its low metal impurity content, minimal tin furnace oxidation slag, and excellent wettability.

## 五、 产品资料表 Product Data Sheet

编号 No.	项目 Items	内容 Details
1	合金组成 Alloy Compositions	锡、铅 Tin、Lead
2	规格及外观 Specification & Appearance	棒条状；表面光亮均匀，无污染物 Bar shape; Bright and uniform surface, no pollutants
3	规格参数 Specification Parameter	长度：331 毫米 Length: 331mm
4	熔点 Melting Point	AS63/37:183 °C
5	比重 Specific Gravity	AS63/37: 8.4g/cm <sup>3</sup>
6	拉伸强度 Tensile Strength	AS63/37: 44Mpa
7	净重量 Net Weight	净重 25kg/箱 Net weight 25kg/ box
8	用途 Application	适合自动焊接及人工焊接使用 Suitable for automatic welding and manual welding
9	储存方式 Storage	通风、干燥、防潮，且避免接触化学用品 Ventilate, dry, moisture-proof, and avoid contact with chemicals
10	使用建议 Use Suggestion	锡槽焊料成分每月检测一次，每年更换一次 The solder composition of the tin tank is tested monthly and replaced annually
11	执行标准 Executive Standard	GB/T 3131-2020

## 六、 合金组成 (%) Alloy Compositions(%)

### AS63/37 【铅锡锡条 Tin-Lead 63/37 Solder Bar】

锡 Sn	铅 Pb	锑 Sb	铜 Cu	铝 Al	砷 As	铋 Bi	铁 Fe	镍 Ni	硫 S	锌 Zn
63±1	余量 Balance	<0.1	<0.03	<0.002	<0.02	<0.03	<0.02	0.045- 0.055	<0.015	<0.002