

LF-300A series of LEAD FREE ANODE

雅拓萊 LF-300A系列无铅阳极棒

<http://www.electroloy.com>

Singapore	Electroloy Metal Pte Ltd	Corporation Place, 2 Corporation Road #07-01B, Singapore 618494. Tel : 65 64912663 Fax : 65 63992168
Malaysia	Electroloy Corporation Sdn Bhd	3 & 6, Jalan Bayu 7, Bandar Seri Alam, 81750 Masai Johor Malaysia, Tel : 607 3883559 Fax : 607 3886559
China	Electroloy Metal (Shenzhen) Co Ltd 雅拓萊金属制品（深圳）有限公司	2 Building Jian Shang Residents Group Industrial Estate, Min Zhi Street, Bao An Area Shenzhen P.R.C. 518109 Tel : 86 755 28133246 Fax : 86 755 28133247 深圳市宝安区民治街道简上居民小组工业区第二栋 邮编：518109 电话号码：86 755 28133246 传真号码：86 755 28133247
China	Electroloy Metal (Suzhou) Co Ltd 雅拓萊金属制品（苏州）有限公司	2 Chunhui Road, Westside of Weiting Township, Suzhou Industrial Park, Jiangsu P.R.C. 215122. Tel : 86 512 62748260 Fax : 86 512 62748262 中国江苏省苏州工业园区唯亭镇西春晖路2号 邮编：215122 电话号码：86 512 62748260 传真号码：86 512 62748262

Disclaimer: 更改声明

While all efforts have been expended to ensure information in this product profile are accurate and complete at the time of print, it may be subject to change without prior notice because of product improvements & legal consideration.

尽全力以确保这产品简介的资料在印刷时是正确和完全的，它可能会在没有预先通知的情况下，因产品的改进和法律的考虑而更改。

At Electroloy, we manufacture anodes of various alloy specification and shapes suitable for different application in the tin plating, printed circuit board & semi-conductors industries.

我们雅拓莱公司制造各种合金规格和形状的阳极棒，适用于锡电镀，印刷电路板和半导体工业。

Our strong background in metal processing and engineering knowledge allows us to customize work processes to meet our stringent in-house specification, and to ensure consistent quality.

我司在金属行业中，以我们工程的知识能制造各种规格产品，以符合我们严格内部规格并确保一致的品质。

Electroloy's Lead free anodes are process from virgin metals with high purity to ensure low sludging & high plating yield in the electro plating process.

雅拓莱无铅阳极棒由高纯度金属制造出来，以确保电镀过程的低泥渣和高产量。



Available Standard Electroloy's Lead Free Anode 常用雅拓莱无铅阳极棒
Tin Anode & High Purity Tin Anode 锡阳极棒&高纯度锡阳极棒

Pure Tin Code 纯锡编号	Purity % 纯度%	Melting Point (°C) 熔点 (°C)	Remarks 备注
LF- 361A	Sn99.9%	232	Lead (Pb) Max. 0.050%
LF- 362A	Sn99.99%	232	Lead (Pb) Max. 0.005%



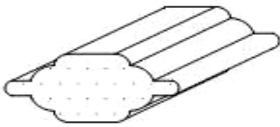
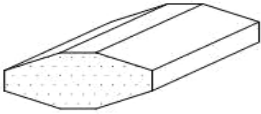
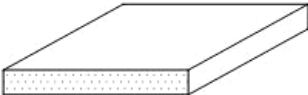
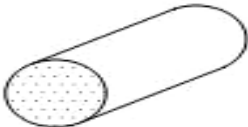
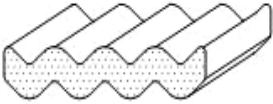
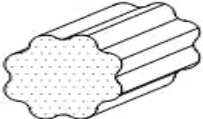
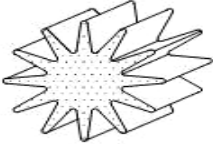
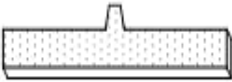
Typical analysis for contaminants level (%) on Electroloy's LF-361A Tin Anode & LF-362A High Purity Tin anode
雅拓莱 LF-361A 锡阳极棒 & LF-362A 高纯度锡阳极棒杂质(%)的典型分析化验

Element	Sn	Pb	Al	Sb	As	Bi	Cu	Fe	Zn	Ag	Cd	Au	Ni
LF-361A Spec EL-3090C	Rem.	Max. 0.050	Max. 0.001	Max. 0.050	Max. 0.030	Max. 0.040	Max. 0.008	Max. 0.005	Max. 0.001	Max. 0.009	Max. 0.001	-	Max. 0.005
Typical LF-361A	Rem.	0.021	<0.001	0.004	0.003	0.003	<0.001	<0.001	<0.001	0.001	<0.001	-	<0.001
LF-362A Spec EL-3020HP	Rem.	Max. 0.005	Max. 0.001	Max. 0.005	Max. 0.005	Max. 0.005	Max. 0.002	Max. 0.002	Max. 0.001	Max. 0.002	Max. 0.001	Max. 0.002	Max. 0.005
Typical LF- 362A	Rem.	0.0033	0.0004	0.0005	0.0019	0.0015	0.0010	0.0015	0.0007	0.0008	0.0001	0.0001	0.0001

For special grade tin with low lead requirement can be arranged.

低铅含量特别等级锡可另行洽商安排。

Available shape and dimensions 常用形状和规格尺寸

Description 类型		Dimensions 规格尺寸
Shape 形状	3-D profile 3-D 剖面图	
Ball 球形		10mm, 12mm, 15mm, 19mm, 25mm, 35mm, 40mm diameter
Button 半球形		15mm, 19mm, 25mm diameter
Hexagonal 六角形		10 points – 75mm x 36mm 14 points – 75mm x 50mm
Octagonal 八角形		75mm x 36 mm
Rectangular 方形		76mm x 25mm, 75mm x 36mm, 100mm x 14mm 90mm x 20mm, 65mm x 07mm, 100mm x 25mm
Round (Rod) 圆形 (杆)		32mm, 40mm diameter
Saw-Tooth 锯齿形		70mm x 10mm, 100mm x 28mm, 83mm x 38mm, 80mm x 18mm
Flower 花形		8 points – 65mm diameter
Star 星形		12 points – 75mm diameter
T – Shape T- 形		900mm x 50mm x 12mm, 600mm x 80mm x 13 mm

* Customized shape can be arranged 可安排订制的形状

Packaging 包装

The standard packaging of Electroloy's LF-300A series anodes – balls / buttons are in carton boxes of 20kg each. Other special packaging requirements are available in 10kg per box. The boxes for lead free balls/buttons are in green color. All boxes are traceable by their lot numbers.

Extruded anodes are pack in plastic tubes & these are palletized or in wooden / carton boxes. All anodes are label & traceable by lot numbers.

雅拓莱 LF-300A 系列无铅阳极球 / 阳极扣的标准包装为每箱 20kg。其它特殊包装要求为每箱 10kg。无铅阳极球 / 阳极扣为绿色包装。包装箱备有生产批号。

挤压型阳极棒包装于塑胶袋放在卡板上或放入木/纸箱。每根阳极棒备有生产批号。

Storage 贮存

There is no shelf life for our LF-300A series anodes. To minimize the anodes from further oxidation, ensure that the packaging is not damaged & the anodes are not exposed to dust & other foreign materials.

LF-300A 系列无铅阳极棒没有期限规定，为了减少无铅阳极棒受到氧化，确保包装不破损，无铅阳极棒不曝露于灰尘和其他物质。

Delivery 交货

Each order can be shipped with the Certificate of Analysis for each lot.

交货同时附上分析证明书。

Material Safety Data Sheet 材料安全数据单

A MSDS for this product can be request from our Sales personnel.

产品的 MSDS 可向销售部索取。

Technical & Customer Service Support 技术 & 客户服务

For more information on our Lead free anodes as well as our other products, please call, fax or email us. Our Sales Engineers will be most glad to answer your enquires as well as recommend the most suitable product for your application. Our Customer Service personnel are also available to provide you with our competitive quotation as well as expedite your orders & provide you with any assistance you may require.

欲知无铅阳极棒或我们其他的产品，请用电话、传真或电邮给我们。我们的销售工程师将很乐意的给予解答和介绍最适合您的用途的产品。我们的销售工程师会提供您具竞争力的报价，并尽快的交货和提供您所需要的协助。