



# CLF5023

Core Flux for Lead Free Alloy  
免清洗焊剂芯无铅焊料

## PRODUCT SPECIFICATIONS

The core flux is compatible with Singapore Asahi's main patented lead free alloy, Viromet 349. Also available with other lead free alloys type such as Sn96.5/Ag3.5 and Sn99.3/Cu0.7. CLF5023 solder wire is commonly available in various diameters such as 0.4, 0.5, 0.6, 0.8, 1.0, 1.2, 1.6 and 2.0 mm.

## 产品规格

CLF5023是为了配合新加坡朝日专利的无铅焊料, Viromet 349所研发的。也可用于其他无铅焊料合金如: 锡96.5/银3.5 和锡99.3/铜0.7。CLF 5023焊丝可以有0.4, 0.5, 0.6, 0.8, 1.0, 1.2, 1.6 和2.0 mm等不同线径。

Properties 特性项目	Specification 特性	Industry Classifications 标准规格
Flux Content 焊剂含量	3.0 ± 0.3 wt%	新加坡朝日
Density @ 25 <sup>0</sup> C 比重 @ 25 <sup>0</sup> C	1.124	新加坡朝日
Silver Chromate Test 铬酸银测试法	不含卤素	ANSI/J-STD 004 / JIS Z 3197
Water Extrat Resistivity 水萃取电阻率	> 1.0 X 10 <sup>4</sup> Ω-cm	JIS Z 3197
Electromigration 电迁移	>1.0 X 10 <sup>11</sup> Ω	JIS Z 3197 (1000小时, 85°C, 85%RH)
Surface Insulation Resistance 表面绝缘电阻值	> 1 X 10 <sup>9</sup> Ω	ANSI/J-STD 004 (168小时, 85°C, 85%RH)
Spread Factor 扩散率	>80.0%	ANSI/J-STD 006 / JIS Z 3197
Copper Mirror Test 铜镜测试	Pass, Classified as "M" 合格, 归类为 "M"	ANSI/J-STD 004 / JIS Z 3197
Residue Appearance 残余外观	Transparent & Minimal 少许而透明	新加坡朝日
Dryness Test 干燥测试	Pass 合格	JIS Z 3197

### APPLICATIONS

For repair and touch-up process of assemblies. The flux effectively reduces the surface tension of lead free alloys at a temperature requirement of 330 to 380 °C.

### 使用方法

加工及维修电子元件。助焊剂能有效的减少无铅焊料的表面张力。使用温度为 330 - 380 °C。

### RESIDUE REMOVAL

This no-clean formulation does not require cleaning after soldering.

### 残留处理

焊接后, 有少许残留。残留干而透明且不具腐蚀。因此, 焊接后不需清洗残留。



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