



## 产品规格书/Specification

产品/product:	<b>导电银浆/ Silver paste</b>
料号/Part number:	<b>01M-0605 series</b>

### 适用范围/Application:

This Specification applies to piezoceramic conductive paste.

此产品适用于压电陶瓷类产品电极使用

### 使用条件/Operating conditions:

基材 Substrate	压电陶瓷, 粗糙度 3-5u, piezoceramic
印刷 Printing	200-300 目丝网印刷 200-300 mesh stainless screen
流平 Levelling	5-15min minutes at room temperature 室温下流平 5-15 分钟 (时间根据流平的实际情况决定)。
干燥 Drying	通风烘箱烘烤 100-150°C, 10-15 分钟 (烘烤温度低于 300°C, 可根据烘烤的实际情况决定烘烤时间。) 100-150°C 10-15 min
烧结 Firing Condition	隧道炉空气气氛下烧结, 峰值 <b>550-750°C</b> (推荐值), 9-11 分钟。 Atmospheric firing in belt furnace with peak time of 9-11 Minutes at 550-750°C
Thinner	ST-1000

### 性能/Characteristics:

	<b>01M-0605</b>	<b>01M-0607</b>
Fineness 细度(um)	≤5	
Viscosity 粘度(pa.s)	120-280	
Solid content 固含量(%)	70-75	60-65
Resistivity 方阻(mΩ/□)	≤3	≤5
Adhesion 附着力(N)	≥45	≥42
Advantages 优点	<b>优异的锡焊性能 Excellent soldering performance</b>	

标准 Standard	测试方法及条件 Test method and conditions
Fineness	FOG test
Viscosity	Brookfield HBT utility cup and spindle (SC4-14/6R), 10rpm, 25±1°C,



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粘度	Brookfield HBT (博利飞) 粘度计, 转子 SC4-14/6R), 10rpm, 25±1°C 粘度可根据用户实际需要调节。
Resistivity 方阻	Fired film thickness is 8-12µm.) 烧结膜厚 8-12um. Test pattern 0.6mm×60mm 测试图形 0.6mm×60mm
Adhesion strength 附着力	Peel Test: 0.5mmφ Tin plated Cu wire soldered on 2mm×2mm Pad. 0.5mmφ锡浸铜线, 焊接面积 2mm×2mm Solder: 96.5Sn/0.5Cu Mildly activated flux used. 焊料: 96.5Sn/0.5Cu

**保存条件, 有效期/Storage condition and Term of validity**

产品应在 5-25°C 的环境温度下密封储存, 有效期为产品发货之日起 1 年。

The product shall be guaranteed for 1 year after shipping date, keep tightly under at 5-25°C

**包装方式/Packaging method:**

标准包装, 1000g/罐, Standard package: 1000g/can,

样品装: 200 克/罐 Sample package: 200g/can