

## C5010A

### Conductor

#### Description

C5010A is an oxide bonded screen printable gold conductor paste. It offers low contact resistivity properties.



*This picture does not show the packaging of C5010A and is solely intended for illustration purposes. The products are available in different packaging configurations and may change over time. Please refer to the latest safety data sheets for safety-relevant pictograms.*

#### Typical Properties

Conductivity	≤ 5.0 milliohms/square (FFT: 8 μm)
Viscosity	40 – 75 Pas (25 °C, D = 75/s)
Alloy Ratio	100
Coverage	Approx. 50 cm <sup>2</sup> / g (FFT: 8 μm)
Metal	Au

#### Recommended Processing Guide

Printing Parameters	Print through a 200 – 325 mesh screen. Level at room temperature for 10 minutes.
Printing Speed	Up to at least 10 cm / s
Drying Temperature	Dry at 150°C for 10 – 20 minutes.
Process Temperature (TDS)	Fire at 850 °C (peak) for 10 minutes, and with a total firing cycle time of c. 30 – 60 minutes
Film Thickness	8 – 11 μm
Recommended Thinner	HVS 100

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#### Warranty

6 months

#### Storage

Store in a dry location at 5°C-25°C

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