

C8729

Conductor

Description

C8729 is a plateable silver conductor that yields a smooth, dense film. It exhibits high adhesion on alumina substrates. C8729 can be multiple fired without any loss of performance. C8729 is an excellent choice for electrolytic plating applications, such as copper, nickel, tin, etc.

Key Features

- Low resistivity High adhesion High speed printing Feed through hole application



This picture does not show the packaging of C8729 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	≤ 2.5 milliohms/square at 12 um fired film thickness
Viscosity	15 – 25 Pas (25 °C, D = 100/s)_x000D_
Solids	82.0 % ± 1.5 %
Alloy Ratio	100
Coverage	c. 80 cm ² /g (FFT: 12 μm)
Metal	Ag

Recommended Processing Guide

Printing Parameters	200 – 325 mesh screen
Printing Speed	Up to at least 20 cm/s
Drying Temperature	150 °C for 10 – 20 minutes
Process Temperature (TDS)	Fire at 850 °C (peak) for 10 – 12 minutes, and with a total firing cycle time of c. 30 – 60 minutes
Film Thickness	Wet: 32 – 34 μm Dried: 22 – 26 μm Fired: 10 – 15 μm
Recommended Thinner	HVS-100 RV-372

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Warranty

6 months

Storage

Store in a dry, cool (5 – 25 °C) and dark place with container tightly shut

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