

C5809

Conductor

Description

C5809 is a screen printable gold conductor, containing a mixed bonded Au formulation for Au and Al wire bonding.

Key Features

- Suitable for area printing Excellent Au and Al wire bondability and contact resistivity properties Excellent compatibility with fired MnNiFe-Ferrite- and MnNiAl-Ferrite-Bodies



This picture does not show the packaging of C5809 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	≤ 5.5 milliohms/square (FFT: 12 μm)
Viscosity	50 – 120 Pas(25 °C, D = 75/s)
Metal	Au

Recommended Processing Guide

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 – 12 μm

Americas

Phone +1 610 825 6050

electronics.americas@heraeus.com

Asia Pacific

Phone +65 6571 7649

electronics.apac@heraeus.com

China

Phone +86 53 5815 9601

electronics.china@heraeus.com

Europe, Middle East and Africa

Phone +49 6181 35 4370

electronics.emea@heraeus.com

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