

TC0307A

LTCC

Description

TC0307A is a pure Ag conductor with low resistivity and superior fine line print resolution. TC0307A provides excellent compatibility with HeraLock® HL2000 during the co-firing process. TC0307A is optimized for Screen Printing as a routing conductor. The material may readily be used to print fine line patterns.

Key Features

- Print fine line patterns Excellent screen life

Typical Properties

| | |
|--------------|---|
| Conductivity | ≤ 3.0 milliohms/square at 20 um fired film thickness(buried and co-fired with HeraLock®HL2000 tape) |
| Viscosity | 180 – 240 Kcps Brookfield HBTSC4 – 14 spindle, 6R utility cup at 10 rpm, 25 °C |
| Metal | Ag |

Recommended Processing Guide

| | |
|---------------------------|---------------------------------|
| Process Temperature (TDS) | See HeraLock® HL2000 data sheet |
| Film Thickness | 10 – 15 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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Heraeus Electronics GmbH & Co.KG, 63450 Hanau, Germany
Web: www.heraeus-electronics.com