

TC8101

LTCC

Description

TC8101 is a pure Au conductor, which provides excellent compatibility with Heratape® Clad CT800 and HL2000 during the co-firing process. TC8101 is optimized for screen printing conductor tracks such as fine line patterns as a surface conductor or an internal conductor. It can be bonded with Al and Au wire.

Key Features

- Au and Al wire bondable
- Compatible with Heratape® CT800 and HL2000
- Prints fine lines
- Prints full ground planes

Typical Properties

Viscosity	380-480 Kcps Brookfield HBT#14 spindle at 10 rpm, 25 °C
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Metal	Au
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Recommended Processing Guide

Process Temperature (TDS)	Recommended profile in a box oven, with a peak temperature of 850-865 °C (30 minute dwell). Total firing cycle time of up to 10 hours.
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Film Thickness	8-12 um (when printed with a 325 mesh screen)
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