

### TC0306A

#### LTCC

##### Description

TC0306A is a pure Ag conductor with low resistivity and superior fine line print resolution. TC0306A has been formulated to be a single print co-fired surface conductor providing excellent solderability and adhesion with HeraLock® HL2000. TC0306A is optimized for Screen Printing as a surface conductor. The material may readily be used to print fine line patterns.

##### Key Features

- Excellent solderability co-fired on HeraLock® HL2000  
Print fine line patterns

##### Typical Properties

Conductivity	≤ 3.0 milliohms/square at 12 um fired film thickness(buried and co-fired with HeraLock® HL2000 tape)
Viscosity	170 – 200 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	14 – 20 µm

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