

## LPA507-039

### Conductor

#### Description

LPA507-039 is a screen printable 4:1 Ag/Pd conductor paste which exhibits a high density, high reliability and good fine line resolution. It fires to a smooth surface.

#### Key Features

- Excellent conductivity
- Leach resistance and resistance to silver migration
- It is compatible with and solderable upon dielectric IP9117 Series



*This picture does not show the packaging of LPA507-039 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

|             |                              |
|-------------|------------------------------|
| Viscosity   | 30-45 Pas (25 °C, D = 100/s) |
| Alloy Ratio | 04:01                        |
| Metal       | AgPd                         |

#### 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            | 12.5-16.5 um  |

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