

## C4740S

### Conductor

#### Description

C4740S is a general-purpose Ag/Pt conductor for use on alumina and BeO substrates. C4740S is suitable as a termination for all Heraeus air fireable resistor systems and also performs well as an inner layer conductor in multilayer applications. C4740S can be printed at speeds up to 12 inches per second and is capable of resolving fine lines as narrow as 5 mils.

#### Key Features

- Outstanding adhesion to alumina and beryllium oxide substrates
- Excellent performance at high print speeds
- Excellent solderability



*This picture does not show the packaging of C4740S 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	90 -140 Kcps Brookfield HBTSC4 -14 spindle, 6R utility cup at 10 rpm, 25 °C
Metal	AgPt

#### Recommended Processing Guide

Process Temperature (TDS)	850 °C peak temperature. Dwell time of 10 minutes.
Film Thickness	11-15 um

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