Heraeus

Electronics

LTC3510

Polymer Thick Film

Description

LTC3510 is a screen printable polymer conductor, reflowable with many solder alloys such as SAC305 and SnBi. LTC3510 is a high temperature curing material with excellent adhesion on a variety of substrates.

Key Features

- Excellent solderability and adhesion
- Reflowable with many solder alloys
- Ag/Cu composition

This picture does not show the packaging of LTC3510 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	
Conductivity	<.06 Ω/sq/mil
Viscosity	80 - 120 kcps Brookfield HBT #14 spindle @ 10 RPM, 25°C
Solids	92-95%
Metal	Ag
Color	Silver
95% Max Particle Size	<8 µm, hegman

Recommended Processing Guide	
Printing Parameters	280 – 325 stainless steel or nylon screen 0.3 – 05. mil emulsion thickness
Drying Temperature	200 ℃ for 30 minutes
Film Thickness	20 – 35 microns (per layer)
Paste Compatibility	Compatible with all PriElex products

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Warranty

3 months

Storage

Ambient storage, mix well prior to use

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All changes are based on information displayed using the template data_sheet/HET/TFM/print_data_sheet.html.twig.
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