LTC 3301 is a screen printable polymer based silver conductor. It contains a fast curing, single component polymer system. LTC 3301 was developed for 96% alumina, PCB, aluminum or other similar substrates. LTC 3301 has low resistivity and excellent solvent resistance.

Key Benefits
- REACH and RoHS compliant
- Screen printable
- Solvent resistant
- Good solder acceptance
- Multiple curing temperatures

Typical Properties

Resistivity:
≤ 35 milliohms/square/mil when cured at 150 °C for 60 minutes

Adhesion:
Tape Test Method
Excellent Adhesion

Solvent Resistance:
Excellent

Viscosity:
70 - 120 Kcps Brookfield HBT
SC4-14 spindle and 6R utility cup @ 10 rpm, 25 °C

Solder type:
Sn62/Pb36/Ag2 @ 200 °C for 3 seconds

Mixing:
Material should be thoroughly mix prior to use.

Solids:
73.5 ± 1.5 %
Technical Data Sheet

Polymer Based Silver Filled Conductor

Legend:

1) REACH compliant according to the latest ** Annex XIV to Regulation (EC) of the European Parliament and of the council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (“REACH”) by European Chemicals Agency and its subsequent amendments; the material does not contain any substance listed in Annex XIV.

2) RoHS compliant according to the latest ** Directives (European Union) of Restriction of Hazardous Substances (“RoHS”) and its subsequent amendments (including the exceptions related to Pb)