

Technical Data Sheet

THICK FILM MATERIALS

Product Type: Component Metallization

Product Name: CL80-8747R



Zinc Oxide Varistor Termination

Description

CL80-8747R is a lead free varistor disc termination. It exhibits excellent electrical performance characteristics.

Key Benefits

- REACH¹ and ROHS² compliant
- Material is specifically formulated for ZnO
- Low laydown
- Outstanding electrical characteristics
- Screen printable

Typical Properties

Metal

Silver

Viscosity

50 – 75 Kcps, Brookfield HBT Spindle SC4-14 and 6R utility cup at 10 rpm at 25 °C

Solids

74.0 ± 1.0 %

F.O.G

Less than 10 µm (4th scratch)

Recommended Processing Guidelines

Printing

105 – 200 stainless steel mesh screen

Drying

150 °C for 10 minutes

Firing

600 – 700 °C peak temperature

Thinner

RV-372

Warranty

Material guaranteed to meet specifications for 6 months from date of shipment.

Storage

Store in a dry location at 5 – 25 °C.

DO NOT REFRIGERATE.

Allow paste to come to room temperature prior to opening. Spatulate well before using, as settling may occur during storage.

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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).

* See the data sheet issue date (DD/MM/YY) as reference of validity of latest edition which is available on request

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