

R8900C

Resistor

Description

The Heraeus resistor R 8900 Series materials are REACH compliant and part of complete thick film materials system. Materials in this system are designed for production of high reliability, commercial and industrial hybrid microcircuit and resistor networks

Key Features

- Excellent noise and STOL values Compatible with C2000 Series (Ni and Cd_x0002_free) R8900 Series offers a range of 10 Ω/£ – 1M Ω/£

Typical Properties

Viscosity	20 – 50 Pa·s (25°C, D = 100/s)
Blendable	Yes
Coverage	80 – 110 cm2 /g
Resistance Range	
Blendable Series	Yes
Overglaze	IP 9025 ST (500 °C)IP 9025 H (600 °C)
Laser Trim	Yes

Recommended Processing Guide

Printing Parameters	Print through a 200 mesh stainless steel screen, 30 – 40 µm emul-sion. Total screen thickness: 90 – 110 µm.
Printing Speed	
Leveling	
Drying Temperature	Dry at 150 °C for 10 minutes.

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Recommended Processing Guide (continued)

Process Temperature (TDS)	
Film Thickness	Dried filmthickness should be 24 ± 5 µm.
Recommended Thinner	Heraeus HVS 100

Notes

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Warranty

Material guaranteed to meet specifications for 12 months from date of manufacturing with proper storage.

Storage

Store in a dry, cool (5 - 25°C), dark place with container tightly shut. Allow paste to come to room temperature prior to opening. Spatulate well before using.

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