

IP9025ST

Dielectric / Glaze

Description

IP9025ST is a screen printable resistor overglaze. It fires to a glossy, green color, for optimum laser-trim characteristics. It is fully compatible with the R8900 and R8900D resistor Series, and enhances the stability of such resistors.

Key Features

- Hermetic protection Compressively expansion-matched, for a high resistor stability Allows for a reliable use of high silver internal interconnects High-speed printing may be realized



This picture does not show the packaging of IP9025ST 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	25 – 45 Pas (25 °C, D = 100/s)
Solids	
Blendable	
Coverage	c. 120 cm ² /g (FFT: 10 µm)
Color	Green, transparent

Recommended Processing Guide

Printing Parameters	Print through a 200 – 325 mesh stainless steel screen.
Printing Speed	
Leveling	
Drying Temperature	Dry at 150 °C for 10 – 20 minutes.
Process Temperature (TDS)	Fire at 490 – 525 °C (peak) for 2 – 3 minutes (500 – 510 °C is optimal), and with a total firing cycle time of c. 30 minutes
Film Thickness	11 – 16 µm
Recommended Thinner	HVS 100
Paste Compatibility	Resistors R 8900 Series R 8900 (WP 09-XY) Series R 8900D Series Dielectrics IP 9117 Series Conductors C 1075S C 1075S (LPA 409-021) C 1076SD C 1076SD (LPA 609-022) C 1200 Series C 2000 Series

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Warranty

6 months

Storage

store in a dry, cool (2 – 23 °C) and dark place with container tightly shut

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